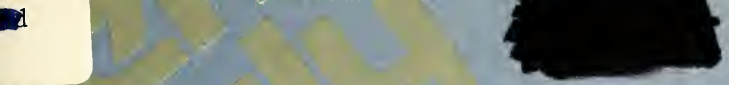

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Independent Study BY EXTENSION

Independent Study BY EXTENSION

Catalog 1978
University of North Carolina
Vol. LVII No. 1

HOW TO ENROLL IN AN INDEPENDENT STUDY COURSE

1. Read the General Information section of this catalog. You will be expected to know and follow all the rules and policies stated in this section.
2. Select a course. If you are completing a degree program, *check with your advisor or Academic Dean to be certain* that the course you have chosen is acceptable for your particular program.
3. Complete the application in the center of this catalog. Only one application per course is needed. Bring or mail the applications and your fees to:

   Independent Study by Extension
   UNC Extension Division
   121 Abernethy Hall 002A
   Chapel Hill, NC 27514
   Tel. 919-933-1104 (General Information)
   919-933-1105 (Student Services)

   No office enrollments will be accepted after 4:30 p.m. to allow our accounting office to close out for the day.

   Be sure to include postage. If you wish to purchase the texts from our bookroom, include the prices listed after the course description. Checks or money orders should be made payable to UNC Independent Study.
4. You may begin work as soon as you receive your materials. Submit your assignments as you complete them.
5. Contact Independent Study if you have problems or questions concerning any aspect of your course. For questions or problems concerning assignments, exams, etc., you may contact the Student Services office at 919-933-1105.

IMPORTANT POINTS TO REMEMBER

1. A student may not be enrolled in more than two courses at any one time.
2. A check or money order must accompany the application to cover the total amount of tuition, postage and any books ordered. If you wish to use Master Charge or Visa, fill in the charge card information section of the application.
3. You may enroll and begin work on a course at any time during the year. Your course will expire thirteen months from the date you enroll. Students who are unable to complete their courses in the thirteen month period may obtain one extension of six months by paying a $5.00 renewal fee.
4. A final examination, taken under supervision, must be passed in order for course credit to be given.
5. If a student is unable to complete a course, a partial refund of tuition will be granted providing a request for withdrawal is made within **two months** of the enrollment date.
6. Students may transfer from one course to another within **two months** of their original enrollment date by paying a $10.00 transfer fee.
7. Students meeting a deadline should arrange to take the final exam at least **two weeks** in advance of the date the grade is needed.

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COURSE DESCRIPTIONS

KEY TO SYMBOLS IN COURSE DESCRIPTIONS

(3 s.h.) Indicates the hours of credit (semester hours)

Smith, 25, prerequisite: Latin 1 or equivalent The instructor's name, the number of assignments in the course, and any prerequisites for the course. Prerequisites refer to courses on the campus from which the course is offered. (It is the student's responsibility to see that any prerequisite requirements have been fulfilled prior to registering for an independent study course.)

UNC-CH, NCSU Code for campus offering course:

ASU — Appalachian State University
ECU — East Carolina University
NCSU — North Carolina State University
UNC-A — University of North Carolina at Asheville
UNC-CH — University of North Carolina at Chapel Hill
UNC-G — University of North Carolina at Greensboro

Where symbols for more than one campus appear, the course is cross-listed. See page 26.

AFRICAN AND AFRO-AMERICAN STUDIES

AFAM 65 UNC-CH THE BLACK FAMILY: INTERPRETER OF HISTORY, TRANSMITTER OF CULTURE (3 s.h.). This course focuses on the continuity of one family over two centuries, and on how family members are affected by historical events. Students will be asked to trace their own family histories as part of the course requirements. *Whitehead, 15.*

Haley, *Roots* (1976), $12.50
Anthology, $7.95
Student's Guide, $3.95

AFRI/AFAM 170 UNC-CH AFRICAN AND AFRO-AMERICAN CULTURAL HERITAGE SPECIAL TOPIC: AFRICAN AND AFRO-AMERICAN LITERATURE (3 s.h.). The primary goal of this course is to encourage an understanding and appreciation of African and Afro-American cultural values as seen through the prism of literature. Initial lessons introduce theoretical issues about continuities and linkages between African and Afro-American cultures. Subsequent ones include selective readings of African and Afro-American folk literature, poetry, and fiction in which stylistic features and themes such as love, women, humor, nature and the community in time are explored. **NOTE: THIS COURSE WAS IN PREPARATION WHEN THE CATALOG WENT TO PRESS; PLEASE INQUIRE BEFORE ENROLLING.**

ANTHROPOLOGY

Anth. 41 UNC-CH AN INTRODUCTION TO ANTHROPOLOGY (3 s.h.). An examination of a broad range of questions asked by anthropologists, beginning with the central question, What does it mean to be human? The course views man as a physical and an intellectual being. *Markman, 15.*

Alland, *Evolution and Human Behavior* (1973), $2.95
Alland, *Human Diversity* (1973), $1.95
Brown, *Manchild in the Promised Land* (1965), $1.50
Chagnon, *Yanomamo, the Fierce People* (1968), $3.95
Deetz, *Invitation to Archaeology* (1967), $1.95

Downs, *Cultures in Crisis* (1971), $4.95
Farb, *Man's Rise to Civilization* (1971), $1.95
Kummer, *Primate Societies* (1971), $4.95
Kurten, *Not From the Apes* (1972), $1.25 (used only)
Lienhardt, *Social Anthropology* (1972), $3.00

ART

Art 31
UNC-CH

HISTORY OF WESTERN ART (ANCIENT & MEDIEVAL) (3 s.h.). A systematic survey of Western art from the Egyptians to Giotto. Art 31 and 32 together form a survey of the history of Western art, but Art 31 is not a prerequisite to Art 32.

Gardner, *Art Through the Ages*, Vol. I, 6th ed. (1975), $9.75
University Prints, $10.00

BUSINESS ADMINISTRATION

B.A. 71
UNC-CH

ACCOUNTING PRINCIPLES I (3 s.h.). Fundamental principles of financial accounting are covered and applied to the recording of business activities and to the reporting of the financial results for corporations, partnerships, and single proprietorships. *Sheeran, 24.*

Slavin and Reynolds, *Basic Accounting*, 3rd ed. (1975), $14.95
Sanders, *Student's Self-Study Guide to Accompany Basic Accounting*, 3rd ed. (1975), $5.95
Accounting Pads, set of 2, $3.60

B.A. 73
UNC-CH

INTRODUCTION TO MANAGEMENT ACCOUNTING (3 s.h.). A balanced, flexible approach to the study of the accounting function in management of retail, wholesale, selling and administrative situations, as well as manufacturing. The emphasis is on the analytical use of accounting information for planning and control. *Sheeran, 21,* **prerequisite: BA 71 or equivalent;** *Designed for non-accounting majors.*

Horngren, *Accounting for Management Control*, 3rd ed. (1974), $12.95
Accounting Pads, set of 2, $3.60

B.A. 3850
ASU

REAL ESTATE (3 s.h.). The economics of real estate, legal instruments, marketing, and management are the subjects covered. Includes valuation, appraisal, and entrepreneurship. *Pratt, 18,* **prerequisites: BE 2150, ECO 2020; prerequisites are waived for non-credit students and credit students not pursuing a degree.** This course was approved in August, 1977 by the North Carolina Real Estate Licensing Board.

O'Donnell and Maleady, *Principles of Real Estate* (1975), $13.95

CHEMISTRY

Chem. 11
UNC-CH

GENERAL CHEMISTRY (3 s.h.). Topics covered include atoms, molecules, moles, gas laws, matter with a charge, stoichiometry, elements and their periodic properties, oxidation, coordination and covalence, quantum theory and atomic structure, electronic structure and chemical properties, covalent bonding, and coordination compounds. *Hatfield and Pederson, 9.*

Dickerson, Gray, Haight, *Chemical Principles* (1970), $7.00 (used)
Lassila, *et al., Programmed Reviews of Chemical Principles* (1970), $3.50 (used)
Hutton, *A Study Guide to Chemical Principles* (1970), $2.00 (used)
Slide Rule, $1.95

Chem. 21
UNC-CH

GENERAL CHEMISTRY (3 s.h.). Topics covered include carbon compounds, nuclear chemistry, bonding in liquids and solids, energy and entropy in chemical systems, chemical equilibrium, ionic equilibria, heterogeneous equilibria, oxidation-reduction equilibria, rates and mechanisms of chemical reactions. *Hatfield and Pederson, 10,* **prerequisite: Chemistry 11.**

Same as texts for Chemistry 11

COASTAL MARINE STUDIES

COAS 2125
ECU

SURVEY OF THE COASTAL MARINE ENVIRONMENT (2 s.h.). A multi-disciplinary survey of coastal and marine environment. Features, processes, and problems of the North Carolina coastal zone will be considered in depth. *15.* **NOTE: THIS COURSE WAS IN PREPARATION AT THE TIME THE CATALOG WENT TO PRESS. PLEASE CONTACT INDEPENDENT STUDY FOR MORE SPECIFIC INFORMATION BEFORE ENROLLING.**

COMPUTER SCIENCE

CSC 200B
NCSU

BUSINESS DATA PROCESSING (3 s.h.). An introduction to the fundamentals of business data processing; the methods available to handle data processing; the role of the computer; a basic description of how a computer works; the different input/output devices available; computer systems design; the computer industry; program flowcharting; elements of the COBOL *language* and program coding in COBOL. *Honeycutt, 23.*

Dock and Essick, *Principles of Business Data Processing,* 2nd ed. (1974)
Study Guide to Business Data Processing, 2nd ed. (1974),
Singletary and Overbeek, *ANS COBOL, A Pragmatic Approach* (1975),
COBOL Paper
Flowcharting template

DRAMATIC ART

D.A. 15
UNC-CH

INTRODUCTION TO THE THEATRE (3 s.h.). A survey of theatre as a developing art form, this course includes dramatic literature, the history of theatre, crafts, and a review of the roots of the contemporary stage. *Geiss-Karas, 15.*

Hatlen, *Drama: Principles & Plays* (1967), $6.95
Hatlen, *Orientation to Theatre* (1972), $9.95
Chekhov, *The Cherry Orchard* (1965), $.70

D.A. 155
UNC-CH

PLAYWRITING (3 s.h.). Due to the creative nature of this course there is no set sequence of assignments. The student can expect to write one or more plays under the guidance and direction of the instructor. *Selden.*

ECONOMICS

EB 201
NCSU

ECONOMICS I (3 s.h.). An introductory study of economic activity with emphasis on national economic problems. **NOTE: THIS COURSE WAS IN PREPARATION WHEN THE CATALOG WENT TO PRESS; PLEASE INQUIRE BEFORE ENROLLING.** *El-Kamash.*

McConnell, *Economics,* 7th ed. (1977),

ACC 260
NCSU

ACCOUNTING I — CONCEPTS OF FINANCIAL REPORTING (3 s.h.). A study of financial reporting concepts, the information generating process, income measurement, resource valuation, corporate equity measurement, and reporting practices. Includes an introduction to internal controls, and merchandising and manufacturing inventories. *McBurney, 18.*

Walgenbach, *Accounting, An Introduction* (1973), $13.50
Walgenbach, *Working Papers* (1973), $4.95

EB 307
NCSU

BUSINESS LAW I (3 s.h.). The main principles of law affecting the conduct of trade as it is affected by contracts, agency and property ownership. Major areas include contract, agency, real and personal property, and federal regulations dealing with business, consumer protection and environmental regulation. *Staff, 16,* **prerequisite: EB 201 or EB 212.**

Anderson, *Business Law: Principles and Cases,* 6th ed. UCC, (1975), $16.25

EDUCATION

Ed. 41
UNC-CH

EDUCATION IN AMERICAN SOCIETY (3 s.h.). The student views and evaluates the historical, political, social, and philosophical forces which affect the nature of American education; the organization and structure of the school system; and the principal issues facing American education today. *Hennis, 20.*

DeYoung and Wynn, *American Education,* 7th ed. (1972), $6.00 (used)
Ehlers, *Crucial Issues in Education,* 5th ed. (1973), $3.25 (used)
Kneller, *Introduction to the Philosophy of Education* (1971), $4.50
Postman, *The School Book* (1973), $3.45

Ed. 71
UNC-CH

EDUCATIONAL PSYCHOLOGY (3 s.h.). Topics discussed are psychological principles pertinent to successfully guiding the growth, learning, and adjustment of children and youth. The teacher, the learner, and the teacher-learning process are studied. *Smith, 10.*

DeCecco. *The Psychology of Learning and Instruction: Educational Psychology,* 2nd ed. (1974), $13.95

Ed. 99
UNC-CH

THE SECONDARY SCHOOL (3 s.h.). This course emphasizes the purpose and practices of the modern secondary school in providing for the education of the adolescent boy or girl. Objectives, current issues and trends, and newer methods of instruction are included. Emphasis is given to new developments which modify the secondary school curriculum as well as methods of instruction. *Tarbet, 15.*

Alexander, Saylor and Williams, *The High School Today and Tomorrow* (1971), $8.95

EDCI 100
UNC-CH

CURRICULUM CONSTRUCTION (3 s.h.). Curriculum as a Decision Making Process is a course designed to help the student identify basic determinants of curriculum-making and to introduce the student to various approaches or models in curriculum. The emphasis is on applying knowledge from curriculum determinants to curriculum decision making. The course is organized around modules which list instructional goals, learning activities and readings. *Burke, 10.*

Ronald and Beatrice Gross, *Radical School Reform* (1971), $3.95
Hass, *Curriculum Planning: A New Approach* (1974), $8.50

EDSP 130
UNC-CH

INTRODUCTION TO THE STUDY OF EXCEPTIONAL CHILDREN (3 s.h.). A comprehensive survey of the various areas of exceptionality, including the gifted. The course combines reading and study with visits and observations in the student's own community. The emphasis is on educationally related problems of adaptation for children and youth who fall into the traditional categories of mental retardation, hearing and vision limitations, and so on. *Weiss, 24.*

Kirk, *Educating Exceptional Children,* 2nd ed. (1972), $13.50
Jones, *Problems and Issues in the Education of Exceptional Children* (1971), $7.95

Ed. 156
UNC-CH

MATHEMATICS IN THE ELEMENTARY SCHOOL (3. s.h.). This course deals with the organization and selection of subject matter in mathematics with modern methods of

teaching the subject in the elementary school. NOTE: Education 156 is equivalent to EDCI 237 on campus. However, the independent study course may not be taken for graduate credit. *Ballew, 25.*

Ballew, *Teaching Children Mathematics* (1973), $12.95

ELECTRICAL ENGINEERING

EE 211
NCSU

ELECTRICAL CIRCUITS I (3 s.h.). Introduction to analysis of electric circuits. Circuit elements and parameters, resistance, capacitance, inductance, impedance, admittance, charge, current, voltage, energy, power, Kirchhoff's Voltage and Current Laws. Superposition, periodic functions, RMS values, phasors, resonance, Q, band width. **NOTE: THIS COURSE WAS IN PREPARATION WHEN THE CATALOG WENT TO PRESS; PLEASE INQUIRE BEFORE ENROLLING. Prerequisites: PHY 205, MA 201; Corequisites: PY 208, MA 202.**

ENGLISH

Eng. 0
UNC-CH

ENGLISH COMPOSITION (non-credit). English 0 is a basic course in English that presupposes no previous study of either composition or grammar. Its purpose is to increase awareness of language, to provide skills necessary for effective writing, and to clarify common trouble spots in grammar and mechanics. The course is flexible enough to serve a student just beginning high school, someone needing a college preparatory refresher course, or an adult seeking a review of fundamental English for his or her own satisfaction. *Cadmus, 16.* Fee $80.00.

VanderBeek, *Thought and Phrase* (1975), $8.40

Eng. 1
UNC-CH
Eng. 111
NCSU

ENGLISH COMPOSITION AND RHETORIC (3 s.h.). This course emphasizes the writing of effective paragraphs and their combination into longer compositions, culminating in a study of the research paper. Coincidental to the development of writing facility will be the development of facility in the close reading of essays. *Flora (UNC-CH), Joseph (NCSU), 25.*

COMPOSITION AND RHETORIC (3 s.h.).

Kane and Peters, *Writing Prose: Techniques and Purposes* (1976). $5.00
Hodges and Whitten, *Harbrace College Handbook,* 7th ed., (1972), $6.95
Upon request: *American College Dictionary* (1973), $9.95

NOTE: THIS COURSE IS CROSS-LISTED. PLEASE INDICATE THE COURSE NUMBER OF THE CAMPUS FROM WHICH YOU WANT CREDIT ON YOUR APPLICATION. SEE PAGE 26.

NOTE: A student seeking degree credit at North Carolina State University may receive such credit through an independent study course for either Eng 111 or Eng 112 but not for both.

Eng. 2
UNC-CH

ENGLISH COMPOSITION AND RHETORIC (3 s.h.). The purpose of English 2 is to develop fluency and effectiveness in writing and to develop critical and thoughtful reading habits. Although there is a limited review of punctuation and grammar, the emphasis is on using these for more effective writing rather than on learning basic principles. *Flora, 24.* **Eng. 1 and 2 or equivalent are prerequisite to all other Chapel Hill English courses.**

Baker, *The Practical Stylist,* 3rd ed. (1973), $2.25 (used)
Baker, *The Essayist,* 2nd ed. (1972), $2.25 (used)
Sale, *Wuthering Heights, Emily Bronte,* (Norton Critical Edition) (1963), $2.95
Upon request: *American College Dictionary* (1970), $9.95

Eng. 112
NCSU

COMPOSITION AND READING (3 s.h.). Continued practice in expository writing; introduction to literary types; collateral reading. *Joseph, 18,* **Eng 111 and 112 are prerequisite to all other NCSU English courses.**

Donohue, *A Casebook on The Grapes of Wrath* (1968), $4.50
Hodges, *Harbrace College Handbook,* 7th ed. (1972), $6.95
Simonson, *Trio, A Book of Stories, Plays & Poems,* 3rd ed. (1970), $7.95
Steinbeck, *The Grapes of Wrath* (1966), $1.95
Upon request: *American College Dictionary* (1973), $9.95

NOTE: A student seeking degree credit at North Carolina State University may receive such credit through an independent study course for either Eng 111 or Eng 112 but not for both.

Eng. 21 UNC-CH

ENGLISH LITERATURE (3 s.h.). This course is an introduction to English literature through the study of representative works of Chaucer, Shakespeare, and Milton. *Mills, 25.*

Dunn, *A Chaucer Reader* (1952), $6.50
Craig, *An Introduction to Shakespeare* (1952), $4.25
Hanford, *The Poems of John Milton,* 2nd ed. (1953), $5.50
Holman, *A Handbook to Literature* (1960), paperback, $5.20

Eng. 261 NCSU

ENGLISH LITERATURE I (BEGINNINGS TO 1790) (3 s.h.). A survey of English literature from the Anglo-Saxon invasion to the Romantic period. *Anhorn, 23.*

Abrams, *Norton Anthology of English Literature,* Vol. I., rev. (1968), $6.90 (used)

Eng. 22 UNC-CH

ENGLISH LITERATURE (3 s.h.). English literary masterpieces of the eighteenth and nineteenth centuries from Swift through Arnold are surveyed. *Mills, 25.*

Baugh and McClelland, *English Literature: A Period Anthology* (1954), $12.00 (used only)
Shelley, *Frankenstein,* $.75
Dickens, *Great Expectations,* $.95
Defoe, *Robinson Crusoe,* $.50
Smollett, *Humphry Clinker,* paperback, $2.00 (used)

Eng. 262 NCSU

ENGLISH LITERATURE II (1790 TO PRESENT) (3 s.h.). A survey of English literature from the Romantic period to the present day. This course may be taken either as a continuation of ENG 261 or as an independent course. *Harrison, 23.*

Abrams, *Norton Anthology of English Literature,* Vol. II, rev. (1968), $6.90 (used)
Hodges, *Harbrace College Handbook,* 7th ed. (1972), $6.95

Eng. 265 NCSU

AMERICAN LITERATURE I (BEGINNINGS TO 1850) (3 s.h.). Masterpieces of American literature in their historical settings, from the Early Colonial Period to 1850. *MacKethan, 23.*

Bradley, *American Tradition in Literature,* Vol. I (1967), $6.90 (used)
*Cooper, *The Deerslayer,* $.95
*Cooper, *The Pathfinder,* $.95
*Cooper, *Last of the Mohicans,* $.95
*Cooper, *The Prairie,* $1.25
Melville, *Moby Dick.* $.95

*Only one Cooper book is required for this course. You may choose any one of the four listed above.

Eng. 266 NCSU

AMERICAN LITERATURE II (1850 TO PRESENT) (3 s.h.). Masterpieces of American literature in their historical settings, 1850 to present. *Joseph, 23.*

Bradley, *American Tradition in Literature,* Vol. II, 3rd ed. (1967), $6.90 (used)
Dreiser, *Sister Carrie* (1962), $.95
Miller, *Death of a Salesman* (1949), $1.45
Albee, *American Dream & Zoo Story,* $.75
Oates, *Wheel of Love* (1974), $1.95

Eng. 24
UNC-CH

CONTEMPORARY LITERATURE (3 s.h.). English and American fiction, poetry, the essay during the last ten years. Emphasis on themes as well as form in the works of authors Joan Didion, Kurt Vonnegut, Ken Kesey, Anne Sexton, Gary Snyder, Robert Lowell, James Wright, among others. *Brookhouse, 15.*

Poulin, *Contemporary American Poetry* (1971), $6.95
Hemphill, *The Good Old Boys* (1974), $2.95
Didion, *Play It As It Lays* (1971), $1.75
Guare, *The House of Blue Leaves* (1972), $1.95
Didion, *Slouching Towards Bethlehem* (1962), $3.25
Kesey, *One Flew Over the Cuckoo's Nest* (1962), $1.50
Vonnegut, *Slaughterhouse-Five* (1969), $1.95
MacDonald, *Nightmare in Pink* (1976), $1.50
Updike, *Rabbit, Run* (1960), $1.25

Eng. 32
UNC-CH

BUSINESS ENGLISH (3 s.h.). The vocabulary, forms, and literature of the business profession are studied with special attention to letters of application and inquiry; routine, collection, adjustment, and sales letters; business reports; and technical articles. Specimen letters are criticized and actual business problems solved through written work. *Moseley, 23.*

Menning and Wilkinson, *Communicating Through Letters and Reports*, 5th ed. (1972), $13.50 (new), $8.00 (used)
Lesikar, *Report Writing for Business* (1969), 4th ed. $12.95

Eng. 32a
UNC-CH

BUSINESS ENGLISH (2 s.h.). This course is similar to English 32. Students should not take both courses. *Moseley, 16.*

Menning and Wilkinson, *Communicating Through Letters and Reports*, 5th ed. (1972), $13.50 (new), $8.00 (used)

Eng. 321
NCSU

THE COMMUNICATION OF TECHNICAL INFORMATION (3 s.h.). Intensive training in the fundamentals of business and industrial expository and persuasive writing, with emphasis on the most effective ways of presenting information in clear, forthright, and efficient writing, and in a fitting and logical structure. Attention is given to the basic conventions of punctuation, grammar, and usage; to the development of sentence style and structure; to methods of developing good paragraphs; to organization of reports and other business documents, and to business correspondence. *Dandridge, 20.*

Pickett, *Writing and Reading in Technical English* (1970), $9.50

Eng. 34F
UNC-CH

CREATIVE WRITING: THE SHORT STORY (3 s.h.). Students are introduced to the practice of basic fiction techniques and write numerous short papers as well as three full stories, one of which will be revised as a final examination. Literary stories by well known writers are read and analyzed. Each student is required to keep a journal for which supplementary assignments are made. Emphasis is on individual creative work and a tutorial relationship with the instructor. NOTE: Due to the creative nature of the work in this course, both on the part of the student and the instructor, students are advised not to take it under duress of receiving credit by a specific deadline. *Rabb, 20.*

Dietrich & Sundell, *The Art of Fiction*, 2nd ed. (1974), $7.95

***Eng. 35**
UNC-CH

CREATIVE WRITING: THE SHORT STORY (Advanced) (3 s.h.). This course seeks to discover and develop students' creative writing abilities in the planning and preparing of short stories. There are no set assignments, but students accomplish the equivalent of three semester hours' work by writing five or six stories. NOTE: Due to the creative nature of the work in this course, both on the part of the student and the instructor, students are advised not to take it under duress of receiving credit by a specific deadline. *Eaton,* **prerequisite: English 34F or equivalent.**

***Eng. 35P UNC-CH** CREATIVE WRITING: POETRY (3 s.h.). Advanced poetry writing. There are no set assignments, but the student accomplishes the equivalent of three semester hours' work in a tutorial relationship with the instructor. NOTE: Due to the creative nature of the work in this course, both on the part of the student and the instructor, students are advised not to take it under duress of receiving credit by a specific deadline. *Eaton,* **prerequisite: an introductory course in poetry writing or permission of the instructor.**

**NOTE: Applicants for English 35 or 35P who are not working for degree credit should send to Independent Study, for the instructor's consideration, a sample manuscript of their work and a fee of $3.00. They will be advised to enroll for English 34F, or English 35, or English 35P on the basis of the manuscript.*

Eng. 36 UNC-CH MODERN ENGLISH GRAMMAR (3 s.h.). An introductory course in English linguistics. Topics include the phonology (the sound system), morphology (structure of words), and syntax (how words are combined into sentences) of current American English. The course also clarifies misconceptions about dialect, "correct" usage, the relationship between languages, and the relation of sound to writing. *Chitty, 15.*

Bolinger, *Aspects of Language* (1968), $8.95
Alyeshmerni and Taubr, *Working with Aspects of Language* (1970), $5.95

Eng. 43 UNC-CH THE ENGLISH NOVEL (3 s.h.). The development of the English novel, particularly in the eighteenth and nineteenth centuries, is studied. Works by Fielding, Smollett, Jane Austen, Scott, Dickens, Thackeray, and George Eliot receive special attention. *Stumpf, 25.*

Wagenknecht, *Cavalcade of the English Novel* (1954), $7.50 (used)
Fielding, *Tom Jones,* $2.00
Smollett, *Humphry Clinker,* $2.00 (used)
Austen, *Pride and Prejudice,* $.50
Scott, *The Heart of Midlothian,* $3.95
Thackeray, *Vanity Fair,* $1.25
Eliot, *Adam Bede,* $.75
Dickens, *Little Dorrit,* $4.00

Eng. 58 UNC-CH SHAKESPEARE (3 s.h.). About twenty of Shakespeare's representative comedies, tragedies, and histories will be studied. *Mills, 25.*

Evans, *Riverside Shakespeare* (1974), $15.95
Ribner, *William Shakespeare* (1969), $4.25

Eng. 81 UNC-CH AMERICAN LITERATURE: BEGINNINGS TO 1865 (3 s.h.). This survey course begins with a brief examination of selected works of such figures as Edward Taylor, Benjamin Franklin, and Jonathan Edwards, but the major focus of the course falls upon Emerson, Thoreau, Poe, Hawthorne, and Melville. *Hollis, 25.*

Bradley, Beatty, and Long, *The American Tradition in Literature,* Vol. I, 3rd ed. (1967), $6.95
Holman, *A Handbook to Literature,* Based on the original by Thrall and Hibbard, 3rd ed. (1972), $5.20

Eng. 95 UNC-CH ENGLISH AND AMERICAN DRAMA OF THE TWENTIETH CENTURY (3 s.h.). Modern American and English drama with emphasis on works since the 1920's and such playwrights as O'Neill, Odets, Albee, and Pinter. *Avery, 24.*

Anderson, *Four Verse Plays* (1959), $3.95
Clurman, ed., *Famous American Plays of the 1930's* (1959), $.95
Kernan, *Classics of the Modern Theater* (1965), $7.95
Macgowan, *Famous American Plays of the 1920's* (1959), $.95
Rice, *Three Plays* (1965), $3.45
Shaw, *Plays* (1960), $1.25

Pinter, *The Homecoming* (1966), $1.95
Strindberg, *Seven Plays* (1960), $1.25
Warnock, *Representative Modern Plays, American* (1952), $5.95
Weiss, *Marat/Sade* (1965), $3.95

ENVIRONMENTAL HEALTH

EHLT 3300
ECU

WATER SUPPLIES AND TREATMENT (3 s.h.). Water and waste water treatment, municipal, semi-private and individual systems, with a review of sources, chemical and bacteriological quality, and water pollution. **Students taking this course by independent study will be expected, with the assistance of the instructor or Independent Study, to make arrangements to work with designated laboratories and health departments in their areas to complete the necessary laboratory exercises and field observations.** *Kane, 14, prerequisites: BIOL 110, CHEM 34, 35, 36, or departmental permission;* **prerequisites will be waived for non-credit students.**

Manual of Instruction for Water Treatment Plant Operators
Manual of Instruction for Sewage Treatment Plant Operators
Manual of Individual Water Supply Systems
Manual of Recommended Septic Tank Practices

GEOGRAPHY

Geog. 38
UNC-CH

PHYSICAL GEOGRAPHY (3 s.h.). A study of the major elements of man's physical environment. The nature, origin and distribution of the world's climates, soils, vegetation and landforms are considered, and interrelationships between them noted. Particular attention is given to the environment of North America. *Robinson, 22.*

Strahler, *Introduction to Physical Geography*, 3rd ed. (1973), $12.95
Hare, *The Restless Atmosphere* (1963), $1.95
Upon request: *Man's Domain: A Thematic Atlas of the World* (1970), $4.95

GY 208
NCSU

ENVIRONMENTAL PHYSICAL GEOGRAPHY (3 s.h.). Study of the physical conditions on the earth's surface that influence human activities; factors of man's environment, including planetary conditions, geography location, climate and weather, soils and land forms. *Welby, 15.*

Trewartha, *Fundamentals of Physical Geography,* 2nd ed. (1968), $6.00 (used)

Geog. 157
UNC-CH

GEOGRAPHY OF ANGLO-AMERICA (3 s.h.). Topical and regional geography of America north of the Rio Grande, including elements of the physical, economic, and cultural landscape. The course begins with an examination of several topical subjects including map interpretation and the physiography and climate of Anglo-America. Thereafter, Anglo-America is divided into regions that are examined separately. After all the regions have been covered, the last several assignments return to topical theme. *Florin, 23.*

White, Foscue, and McKnight, *Regional Geography of Anglo-America,* 4th ed. (1974), $14.95
Oxford Regional Economic Atlas of the U.S. and Canada, $7.95
Maps, $.48

GEOLOGY

Geol. 11
UNC-CH

PHYSICAL GEOLOGY (4 s.h.). The nature and origin of minerals and rocks, volcanoes, earthquakes, earth's interior, mountains, soil, groundwater, landscapes and the geologic work of glaciers, streams and wind are covered in this course. The topics of continental drift and the relationship between geology and man's environment also are considered. *Feiss, 20.*

Jackson, *Geology Today* (1973), $14.95
Committee on Geological Sciences, National Research Council-National Academy of Sciences, *The Earth and Human Affairs* (1972), $3.95
Zumberge, *Laboratory Manual for Physical Geology,* 4th ed. (1973), $6.95
Rock and mineral set, $8.35
New Bloomfield Quadrangle, Pennsylvania topographic map, 15 minute series (1952), $1.25

GY 101
NCSU

EARTH SCIENCE (3 s.h.). Introductory course in general geology; changes in the earth, and underlying physical and life processes. (Not to be taken after GY 120.) *Welby, 18.*

Part I
Foster, *Geology,* 3rd ed. (1976), $4.50
Gross, *Oceanography,* 3rd ed. (1976), $4.50
Miller, *Meteorology,* 3rd ed. (1976). $4.50

**Part II
Set A
Bloom, *Surface of the Earth* (1969), $2.25 (used)
Turner, *Applied Earth Science* (1969), $2.95

Set B
Mehlin, *Astronomy & Origin of the Earth* (1968), $1.45 (used)
McAlester, *The History of Life* (1968), $2.00 (used)

Set C
Clark, *Fossils, Paleontology, and Evolution* (1968), $1.50 (used)
Eicher, *Geologic Time* (1968), $2.95

Set D
Mehlin, *Astronomy & Origin of the Earth* (1968), $1.45 (used)
Bloom, *Surface of the Earth* (1969), $2.25 (used)

**You may choose which set from Part II to complete. If you prefer, you may wait until you receive your study guide before ordering the materials for Part II. Only one set will be required.

GERMANIC LANGUAGES

Germ. 1
UNC-CH

ELEMENTARY GERMAN (3 s.h.). In German 1 and 2 the student will acquire some elementary communications skills and get a systematic introduction to the basic grammatical patterns of the German language. While reading and writing will get the major emphasis, tape recordings will make it possible to also practice listening and speaking. This use of all four basic skills enables the student to approach the new language from every possible angle and thus to lay the foundation for future reading or conversation courses. Cassettes are required, and the student must have access to a cassette tape player. *Borkowski, 26.*

Feld, *et al., Anfang und Fortschritt,* 2nd ed. (1973), $9.95
Laboratory Workbook for Anfang und Fortschritt (1973), $3.20
Ten cassette tapes, $10.00

Germ. 2
UNC-CH

ELEMENTARY GERMAN (3 s.h.). A continuation of German 1 and an introduction to simple literary readings. *Borkowski, 27,* **prerequisite: German 1 or equivalent.**

Feld, *et al., Anfang und Fortschritt,* 2nd ed. (1973), $9.95
Laboratory Workbook for Anfang und Fortschritt (1973), $3.20
Rechtschaffen, *et al., Literatur fuer den Deutschunterricht, Zweite Stufe* (1964), $2.50
Eight cassette tapes, $8.00

Germ. 3
UNC-CH

INTERMEDIATE GERMAN (3 s.h.). Designed to develop speed and accuracy in reading German and to acquaint the student with some of Germany's outstanding prose writers, German 3 entails, in addition to the reading, a thorough grammar review. *Borkowski, 25,* **prerequisite: German 2 or equivalent.**

Roeseler, *German in Review,* 3rd ed. (1961), $3.45 (used)
Hesse, *Knulp* (1932), $2.25
Fleissner, *Deutches Literatur-Lesebuch,* 3rd ed. (1959), $2.40 (used)

Germ. 4
UNC-CH

INTERMEDIATE GERMAN (3 s.h.). German 4 includes work by Eichendorff, Hesse, and Mann, and introduces an easier work by Kastner for sight reading. *Borkowski, 25,* **prerequisite: German 3 or equivalent.**

Eichendorff, ed. Schwarz, *Aus dem Leben eines Taugenichts* (1969), $3.75
Mann, ed. Kelly, *Tonio Kroeger* (1959), $2.95
Hesse, ed. Peebles, *Drei Erzaehlungen* (1950), $2.25
Kaestner, *Emil und die Detektive,* Rev. ed. (1945), $4.65

Germ. 21
UNC-CH

GERMAN LITERATURE (3 s.h.). This introductory course in modern German literature (1870-1950) serves both to further reading aptitude and to acquaint the student with eminent authors of this period. *Borkowski, 25,* **prerequisite: German 4 or equivalent.**

Feise and Steinhauer, *German Literature Since Goethe, Part Two: An Age of Crisis, 1870-1950* (1958), $6.95
Feise and Steinhauer, *General Vocabulary to German Literature Since Goethe,* $1.60

HISTORY

Hist. 11
UNC-CH

WESTERN CIVILIZATION FROM EARLIEST TIMES TO THE MID-SEVENTEENTH CENTURY (3 s.h.). A study of the political, economic, cultural, and religious institutions and ideas of the western world from their origin to early modern times. *Maner, 9.*

Cantor, *Western Civilization: Its Genesis and Destiny,* Vol. I (1969), $13.25
Tierney, Kagan, and Williams, eds., *Great Issues in Western Civilization.* Vol. I, *From Ancient Greece through Louis XIV,* 3rd ed. (1976), $6.95
Elton, ed., *Renaissance and Reformation, 1300-1648* (1963), $3.00 (used)

HI 204
NCSU

WESTERN CIVILIZATION TO 1400 (3 s.h.). A survey of Western Civilization from earliest times to the end of the medieval era, treating the major civilizations which contributed to the development of Western Civilization until the end of the medieval period. *Nixon, 17.*

Brinton, *History of Civilization, Prehistory to 1715,* Vol. I. (1971), $12.95
Lerner, *Student's Guide to History of Civilization,* Vol. I (1968), $2.95

Hist. 12
UNC-CH

WESTERN CIVILIZATION FROM THE MID-SEVENTEENTH CENTURY TO THE PRESENT TIME (3 s.h.). The development and spread of western civilization since about 1650. A study of the ideas, institutions, and developments that have created the modern world. *Maner, 18.*

Cantor, *Western Civilization: Its Genesis and Destiny,* Vol. II: 1300-1815 (1970) $8.50
Cantor, *Western Civilization: Its Genesis and Destiny,* Vol. III: 1815-Present (1970), $8.50
Tierney, Kagan, and Williams, eds., *Great Issues in Western Civilization,* Vol. II., *From Louis XIV through the Cold War,* 3rd ed. (1976), $6.95
Schrier, *Modern European Civilization* (1963), $7.95

HI 205
NCSU

WESTERN CIVILIZATION SINCE 1400 (3 s.h.). An introductory survey of the development of Western Civilization during the modern period from the Renaissance to the present. *Nixon, 21.*

Brinton, *History of Civilization, Prehistory to 1715*, Vol. I, (1971), $12.95
Brinton, *History of Civilization, 1715 to Present,* Vol. II (1971), $12.95
Rice, *Student's Guide to History of Civilization,* Vol. II (1970), $2.95

Hist. 21
UNC-CH

AMERICAN HISTORY, 1607-1877 (3 s.h.). This course is a general survey of the history of the United States from the settlement of America to the emergence of the United States as an industrial nation. The emphasis throughout is on making relationships between important facts and drawing conclusions from them. *Williams, 16.*

Blum, *et al., The National Experience, A History of the United States to 1877, Part One,* 3rd ed. (1973), $8.95
Demos, *A Little Commonwealth: A Family History of Life in Plymouth Colony* (1970), $2.95
Franklin, *Autobiography* (1955), $1.25
Grimsted, ed., *The Notions of the Americans, 1820-1860* (1970), $4.95
Lerner, *The Grimke Sisters of South Carolina: Pioneers for Women's Rights and Abolition* (1967), $3.95

Hist. 22
UNC-CH

AMERICAN HISTORY, 1865-1972 (3 s.h.). This course is a general survey of the history of the United States from the end of the Civil War to the present. Particular emphasis is placed upon politics, economics, and the significant legislation of the period. *Williams, 22.*

Blum, *et al., The National Experience, A History of the United States Since 1865, Part Two,* 3rd ed. (1973), $8.95
Hicks, *The Populist Revolt.* (1961), $2.75
Leuchtenburg, *The Perils of Prosperity.* (1958), $3.95
Conkin, *The New Deal,* 2nd ed. (1975), $3.75

Hist. 243
NCSU

UNITED STATES 1845-1914 (3 s.h.). The coming of the Civil War; the war and the reconstruction of the nation; the rise of industrialism and the Populist and Progressive response; the emergence of the United States as a world power. *Collins, 15.*

Cords, *Myth & the American Experience,* Vol. II (1973), $6.95
Hofstadter, *The American Republic,* Vol. II, 2nd ed. (1970), $12.95
Nichols, *The Stakes of Power, 1845-1877* (1961), $2.95

Hist. 31
UNC-CH

RUSSIA AND THE SOVIET UNION FROM 1861 TO THE PRESENT (3 s.h.). This course enables the student to obtain some insight into the political and cultural trends which underlie the development of Russian state and society and their positions in the modern world. No more than 4 assignments per week may be submitted in this course. *Brooks, 15.*

Riasanovsky, *A History of Russia,* 2nd ed. (1969), $11.95
Adams, ed., *Imperial Russia after 1861* (1965), $2.95
Shub, *Lenin* (abridged edition), (1948), $.95
Daniels, *The Stalin Revolution* (1972), $2.95
Deutscher, *The Unfinished Revolution* (1967), $2.50

Hist. 41
UNC-CH

ANCIENT HISTORY (3 s.h.). Dealing with the history of the Orient, Greece, and Rome to the time of Constantine, this course pays particular attention to social and economic conditions, and cultural and religious developments. *McCoy, 24.*

Roebuck, *The World of Ancient Times* (1966), $6.95

HI 207
NCSU

THE ANCIENT WORLD TO 180 A.D. (3 s.h.). A study of the ancient cultures of the Middle East and Graeco-Roman civilization. Includes study of Egyptian, Minoan, Mycenean, Greek, and Roman societies and cultures. *Sack, 15.*

Bailkey, *Readings in Ancient History* (1969), $6.95
Jones, *Ancient Civilization* (1960), $12.95

Hist. 44
UNC-CH

ENGLISH HISTORY (3 s.h.). A survey of English history from the earliest times to 1714, this course includes the Anglo-Saxon period, the Norman conquest, the feudal period, the Tudor monarchy, the constitutional struggles of the seventeenth century, and the end of the Stuart monarchy. *Godfrey, 25.*

Smith, *A History Of England,* 3rd ed. (1966), $12.50

Hist. 45
UNC-CH

ENGLISH HISTORY (3 s.h.). This course begins with 1715 and comes to the present. It deals with the Hanoverians, the American Revolution, the Napoleonic era, the Industrial Revolution, and the great social and economic changes of the nineteenth and twentieth centuries as England changed from a laissez-faire economy to a welfare state. *Godfrey, 25.*

Smith, *A History of England,* 3rd ed. (1966), $12.50
Trevelyan, *History of England,* Vol. III (1953), $2.50

Hist. 46
UNC-CH

LATIN AMERICAN HISTORY: COLONIAL AND REVOLUTIONARY PERIODS (3 s.h.). History 46 surveys the development of Latin America from its pre-Columbian Indian civilizations to the establishment of independent governments in most of the region during the first quarter of the nineteenth century. As well as the political institutions and organizations, the economic, social, and cultural progress is studied. *Robinson, 24.*

Fagg, *Latin America: A General History* (1969), $11.95
Padden, *The Hummingbird and the Hawk* (1967), $1.95
Pike, ed., *The Conflict Between Church and State in Latin America* (1964), $2.95 (new), $1.50 (used)
Whitaker, ed., *Latin America and the Enlightenment* (1961), $1.75
Maps, $.40

Hist. 47
UNC-CH

LATIN AMERICAN HISTORY: NATIONAL PERIOD (3 s.h.). A survey of the development of civilization in Latin America from the establishment of its independence from European powers to the present, this course deals not only with the internal history of the Latin American nations, but also with their relations with one another and with the role of that region in the world. By exploring the major trends and movements in the political, cultural, social, and economic life of the area, the course enables the student to make meaningful interpretations of Latin America's past. *Robinson, 24.*

Fagg, *Latin America: A General History* (1969), $11.95
Bierck, ed., *Latin American Civilization: Readings and Essays* (1967), $4.95

HI 216
NCSU

LATIN AMERICA SINCE 1826 (3 s.h.). A survey of social, economic, political and intellectual life in the 19th and 20th centuries. Major attention is given to Mexico, Argentina, Brazil, Peru and Cuba. Topics include the social structure of the new nations; 19th century liberalism; the force of tradition; relations with Europe and the United States; the Monroe Doctrine and U.S. intervention; economic change; caudillo rule; 20th century upheavals; the Mexican Revolution; Peron's Argentina; Castro and Latin America. *Beezley, 14.*

Hanke, *History of Latin America,* Vol. II (1967), $5.20 (used)
Herring, *A History of Latin America,* 3rd ed. (1968), $10.95, $9.00 (used)
Lockwood, *Castro's Cuba, Cuba's Fidel* (1969), $2.95

Hist. 48
UNC-CH

MODERN EUROPEAN HISTORY, 1500-1815 (3 s.h.). History 48 comprises an introductory survey of the history of Europe from about 1450 to 1815. *Godfrey, 24.*

Lee, *Base Map for European History* (1937), $.20
Clough, *et al., Early Modern Times,* Vol. II (1964), $6.50
Palmer, *Historical Atlas of the World,* $1.00
Rowen, *From Absolutism to Revolution, 1648-1848* (1963), $4.50
Elton, ed., *Renaissance and Reformation: 1300-1648* (1968), $3.00 (used)

Hist. 49 UNC-CH MODERN EUROPEAN HISTORY SINCE 1815 (3 s.h.). History 49 is an introductory course in the history of Europe since 1815. *Godfrey, 24.*

Clough, *et al., A History of the Western World: Modern Times,* Vol. III, 2nd ed., (1969), $6.50
Palmer, *Historical Atlas of the World,* $1.00
Weber, ed., *The Western Tradition: From the Enlightenment to the Atomic Age,* 2nd ed. (1965), $4.95

Hist. 77 UNC-CH AMERICAN MILITARY HISTORY, 1866 TO THE PRESENT (3 s.h.). A survey of American military experience. The Indian Wars, Spanish-American War, WWI, WWII, Korea and Southeast Asia are analyzed from an American and European standpoint. **NOTE: THIS COURSE WAS IN PREPARATION WHEN THE CATALOG WENT TO PRESS; PLEASE INQUIRE BEFORE ENROLLING.**

Hist. 143 UNC-CH THE DIPLOMATIC HISTORY OF THE UNITED STATES, 1776-1914 (3 s.h.). The course traces the development of American foreign relations from the Revolution to the outbreak of the First World War with an eye to understanding the role of the United States in its world setting. The student should gain an appreciation of the forces determining American diplomacy, the complex nature of decision-making, and the shifting responsibilities of the American government. *Kilgroe, 21,* **prerequisite: at least one semester of a college-level survey course in American history.**

DeConde, *A History of American Foreign Policy* (1971), $8.95
Williams, *The Shaping of American Diplomacy,* Vol. I: 1750-1914 (1970), $6.25
LaFeber, *John Quincy Adams and American Continental Empire* (1965), $2.25
Beale, *Theodore Roosevelt and the Rise of America to Power* (1956), $1.50

Hist. 144 UNC-CH DIPLOMATIC HISTORY OF THE UNITED STATES, 1914 TO THE PRESENT (3 s.h.). The course traces the development of American foreign relations from 1914 to the present with an eye to understanding the role of the United States in its world setting. It is hoped that the course will provide students with an understanding of the forces shaping twentieth-century diplomacy, the complex nature of decision-making, and the historical background of present-day problems. *Kilgroe, 19,* **prerequisite: a college level survey course in American history; it is also preferable that the student have completed History 143.**

DeConde, *A History of American Foreign Policy* (1971), $8.95
Williams, *The Shaping of American Diplomacy,* Vol. II: 1914-1968 (1970), $6.25
Link, *Wilson the Diplomat* (1957), $2.25
LaFeber, *America, Russia, and the Cold War, 1945-1966* (1967), $3.95

Hist. 161 UNC-CH NORTH CAROLINA, 1548-1835 (3 s.h.). This course surveys the political, social, economic, and cultural development of North Carolina from the first settlement until 1835. *Martin, 25.*

Lefler and Newsome, *North Carolina: The History of a Southern State* (1973), $11.95
Lefler, *North Carolina History Told by Contemporaries,* 4th ed. (1965), $9.95

Hist. 162 UNC-CH NORTH CAROLINA, 1835-1976 (3 s.h.). History 162 consists of a survey of political, economic, social and cultural development in North Carolina since 1835. It is recommended that students take Hist. 161 before taking Hist. 162. *Martin, 25.*

Same texts as for History 161

INTERDISCIPLINARY STUDIES

UNC-A WESTERN ATTITUDES TOWARD DEATH AND DYING (3 s.h.). Drawing upon disciplines as diverse as history, literature, psychology, sociology, religion, and

medicine, the course will focus upon changing attitudes toward death and dying from the "tamed death" mentality of the ancient Christians to the "forbidden death" attitude of modern man. A wide-ranging course, death and dying will touch upon such topics as abortion, suicide, euthanasia, infanticide, senicide, the occult, and cryonics. *Ready, 15.* **NOTE: THIS COURSE WAS IN PREPARATION AT THE TIME THE CATALOG WENT TO PRESS. PLEASE CONTACT INDEPENDENT STUDY FOR SPECIFIC INFORMATION REGARDING THE DEPARTMENTAL HEADING AND COURSE NUMBER.**

Aries, *Western Attitudes Toward Death and Dying* (1974), $1.95
Lifton and Olson, *Living and Dying* (1975)

ITALIAN

Ital. 1
UNC-CH

ELEMENTARY ITALIAN (3 s.h.). This course aims at a thorough knowledge of the basic grammatical patterns so that the student may not only acquire a good level of proficiency in Italian conversation, but also grasp the general principles governing the structure of the language. Student must have access to a tape recorder: some assignments must be submitted on tape. *Coonan, 24.*

Hall and Bartoli, *Basic Conversational Italian* (1963), $13.95
Cassette tapes: $3.00
Blank cassette tape: $1.00

Ital. 2
UNC-CH

ELEMENTARY ITALIAN (3 s.h.). Reading and writing skills are developed and the student is guided toward further mastery of the fundamentals of the Italian language. *Coonan, 24,* **prerequisite: Italian 1 or equivalent.**

Hall and Bartoli, *Basic Conversational Italian* (1963), $13.95
Speroni and Golino, *Panorama Italiano* (1960), $5.20
Cassette tape: $1.00

Ital. 3
UNC-CH

INTERMEDIATE ITALIAN (3 s.h.). The Italian language is studied with emphasis on reading and writing. *Coonan, 24,* **prerequisite: Italian 2 or equivalent.**

Young and Cantarella, *Corso d'Italiano* (1942), $6.95
Marraro, *Scrittori Italiani Moderni* (1960), $3.50

Ital. 4
INC-CH

INTERMEDIATE ITALIAN (3 s.h.). A thorough knowledge of the Italian language is gained through reading a varied spectrum of Italian contemporary prose and writing in Italian on a variety of given topics. *Coonan, 24,* **prerequisite: Italian 3 or equivalent.**

Young and Cantarella, *Corso d'Italiano* (1942), $6.95
Olken and Musa, *Strada Facendo* (1966), $7.50
Olken, ed., *Racconti del Novencento: Forti e deboli* (1966), $3.25

LATIN

Lat. 1
UNC-CH

ELEMENTARY LATIN (3 s.h.). The principles of Latin necessary for the translation of Latin into English are introduced. A pronunciation record is required. *Shreeves, 24.*

Ullman, Henderson, and Henry, *Latin for Americans, First Book* (1962), $10.28
Recording (33 1/3 r.p.m.) $2.50

Lat. 2
UNC-CH

ELEMENTARY LATIN (3 s.h.). Development of the ability to read and translate Latin prose is the primary aim of this course. Two books of Caesar's *Gallic Wars* will be read. *Shreeves, 24,* **prerequisite: Latin 1 or equivalent.**

Ullman, Henderson, and Henry, *Latin for Americans, Second Book* (1962), $9.68

Lat. 3
UNC-CH

INTERMEDIATE LATIN (3 s.h.). In translating Cicero's *First Oration against Cataline and In Defense of Archias,* attention is given to vocabulary, grammatical forms and syntax, and to the basic stylistic devices of Cicero's prose. *Shreeves, 24,* **prerequisite: two years of high school Latin, or two semesters of college Latin.**

Ullman and Suskin, eds., *Latin for Americans, Third Book* (1965), $11.80
Bennett, *New Latin Grammar* (1918), $1.25 (used)
Cowell, *Cicero and the Roman Republic* (1973), $1.95

Lat. 4 UNC-CH

INTERMEDIATE LATIN (3 s.h.). This course has a dual purpose: to polish the student's ability to translate Latin prose and to introduce him to Latin poetry. The work includes careful translation of selected lines and verses, an introduction to the scansion of Latin heroic poetry and a thorough review of Latin forms and syntax, an analysis of certain creative techniques encountered in Ovid and Livy, and a thoughtful, comprehensive review of Laistner's *The Greater Roman Historians. Shreeves, 24,* **prerequisite: Latin 3 or equivalent.**

Gould and Whiteley, *Livy, Book I* (1952), $2.50
Gould and Whiteley, *Ovid: Metamorphoses,* Book VIII (1940), $2.00
Bennett, *New Latin Grammar* (1918), $1.25 (used)
Laistner, *The Greater Roman Historians* (1947), $2.25
De Selincourt, *Livy: The Early History of Rome* (1960), $2.45

Lat. 21 UNC-CH

SELECTIONS FROM LATIN POETRY (3 s.h.). The primary purpose of the course is to perfect the student's ability to translate and scan Latin epic poetry. A strong secondary emphasis is placed on literary appreciation. *Shreeves, 24,* **prerequisite: four years of high school Latin, or two years of college Latin.**

Gould & Whiteley, *P. Vergilius Maro, Aeneid, Book Eight* (1965), $1.65
Gould & Whiteley, *P. Vergilius Maro, Aeneid, Book 12* (1962), $1.50
Humphries, *The Aeneid of Virgil* (1951), $2.95
Mackail, *Virgil and His Meaning to the World of Today* (1963), $3.95
Bennett, *New Latin Grammar* (1918), $1.25 (used)

Lat. 22 UNC-CH

LATIN POETRY (3 s.h.). Emphasis is put on content, literary form and appreciation and versification while reading about two-thirds of the poems of Catullus. *Shreeves, 24,* **prerequisite: four years of high school Latin or two years of college Latin.**

Merrill, ed., *Catullus* (1951), $4.00
Bennett, *New Latin Grammar* (1918), $1.25 (used)
Wheeler, *Catullus and the Traditions of Ancient Poetry* (1964), $1.95
Upon request: *Lewis, An Elementary Latin Dictionary* (1918), $12.00

MATHEMATICS

Math. A UNC-CH

PLANE GEOMETRY (non-credit). A course designed to enable the student to acquire thorough knowledge of the facts of plane geometry needed for continued work in mathematics and allied subjects. This course will be accepted by the University to remove a deficiency in plane geometry for admission. The material covered, if taken in high school, would require one full school year, being equivalent to one unit. *Cravetz, 24. Fee, $80.00*

Moise and Downs, *Geometry* (1975), $10.64

Math. R UNC-CH

CONTEMPORARY ALGEBRA (non-credit). A contemporary approach to the algebra of real and complex numbers, this is the equivalent of what was formerly called Intermediate Algebra. The manner in which the subject is treated is in line with the new approach now being introduced into the schools at both the elementary and secondary levels. *Cravetz, 27. Fee, $80.00*

Heimer, Kocher, Lottes, *A Program in Contemporary Algebra* (1972), Series of five books, $27.00

Math. 30 UNC-CH

ELEMENTARY FUNCTIONS AND COORDINATE GEOMETRY (3 s.h.). Real and complex numbers, inequalities, functions and their graphs, operations on functions,

polynomials, rational and algebraic functions, exponential and logarithmic functions, trigonometric functions, and elementary analytic geometry are covered. *Cravetz, 24.*

Fisher and Zeibur, *Integrated Algebra and Trigonometry with Analytic Geometry,* 3rd ed. (1972), $13.95

MA 111 NCSU ALGEBRA AND TRIGONOMETRY (4 s.h.). Sets and logic, the real number system, polynomials, algebraic fractions, exponents and radicals, linear and quadratic equations, inequalities, functions and relations, logarithms, plane trigonometry. *Savage, 20.*

Robison, *Modern Algebra & Trigonometry,* 2nd ed. (1973), $13.95

Math. 31 UNC-CH CALCULUS WITH ANALYTIC GEOMETRY (3 s.h.). An integrated treatment of analytic geometry and the differential and integral calculus of functions of one variable. Differential equations. NOTE: It is suggested that students planning to take Math 32 do both Math 31 and 32 by correspondence or do both courses on campus. *Graves, 20,* **prerequisite: Mathematics 30.**

Merriell, *Calculus, A Programmed Text, Volume I, Techniques and Applications* (1974), $9.95

MA 102 NCSU ANALYTIC GEOMETRY AND CALCULUS 1 (4 s.h.). The first of three semesters of a unified course in analytic geometry and calculus. Topics include rectangular coordinates in the plane, graphs and equations of lines, algebraic curves, including the conic sections and others examined by general discussion methods. Also introduced are functions, limits, continuity differentiation of algebraic functions, with applications of derivatives and differentials. *Savage, 20,* **prerequisite: MA 111 or equivalent completed in high school. Credit in both MA 102 and MA 112 is not allowed for N.C. State students.**

Purcell, *Calculus with Analytic Geometry,* 2nd ed. (1972), $17.50

Math. 32 UNC-CH CALCULUS WITH ANALYTIC GEOMETRY (3 s.h.). See description for Mathematics 31. *Graves, 24,* **prerequisite: Mathematics 31.**

Merriell, *Calculus, A Programmed Text, Volume II, Theory* (1974), $7.25

MA 201 NCSU ANALYTIC GEOMETRY AND CALCULUS II (4 s.h.). The second of three semesters of a unified course in analytic geometry and calculus. Applications of the definite integral. Other topics include: methods of integration, polar coordinates, and infinite series. *Savage, 20,* **prerequisite: MA 102.**

Purcell, *Calculus with Analytic Geometry,* 2nd ed. (1972), $17.50

MA 202 NCSU ANALYTIC GEOMETRY AND CALCULUS III (4 s.h.). The third of three semesters of a unified course in analytic geometry and calculus. Brief introduction to determinants and matrices, vector functions, analytic geometry of three dimensions and partial differentiation, multiple integration, applications. Line integral and Green's Theorem, *Savage, 30,* **prerequisite: MA 201.**

Purcell, *Calculus with Analytic Geometry,* 2nd ed. (1972), $17.50

MA 122 NCSU MATHEMATICS OF FINANCE (3 s.h.). Single and compound interest, annuities and their application to amortization and sinking fund problems, installment buying, and calculation of premiums of life annuities and life insurance. **Students in this course will be required to return graded assignments to the Independent Study office before taking the final examination.** *Nelson, 17,* **prerequisite: MA 111 or its equivalent in high school, or MA 114, or MA 115 or MA 116.**

Hart, *Mathematics of Investment,* 4th ed. (1958), $8.25 (used)

For the final examination, students will be required to have a handbook of tables suitable for the mathematics of finance. Kent and Kent, *Compound Interest and Annuity Tables* (1926), $2.95, is available from Independent Study.

MUSIC

Mus. 21 UNC-CH

FUNDAMENTALS OF MUSIC (3 s.h.). This course is directed primarily at the student with little or no formal background in music. Musical notation, the organization of both major and minor scales, key and time signatures, rhythms, melody-writing, simple keyboard chord progressions, sight-singing, and lyrics are studied. *Igoe, 15.*

A musical recorder (instrument), $5.00
3 or 4 blank cassette tapes
Access to a cassette tape recorder for both recording and playing back
Access to a keyboard instrument, preferably a piano
Staff paper, $.89

(An examination fee of $5.00 will be charged at UNC for use of the facilities and equipment in the Music Department. Other schools may charge a different fee. The student assumes responsibility for fee and arrangements for the examination. Examination arrangements should be made well in advance of the date the exam is to be taken.)

Mus. 41 UNC-CH

MUSIC APPRECIATION (3 s.h.). An introduction to music through an exploration of elements, styles, and forms, with a consideration of selected masterworks presented on phonographic recordings. This course seeks to lay a foundation for the comprehension and enjoyment of music of any period or genre. *Tuttle, 20.*

Machlis, *The Enjoyment of Music,* 3rd ed. (1970), $9.95
Recordings for *The Enjoyment of Music and The Norton Scores* (Norton), $14.95

PHILOSOPHY

Phil. 20 UNC-CH

INTRODUCTION TO PHILOSOPHY (3 s.h.).This course covers three philosophical problems in detail: the problem of knowledge and skepticism, the problem of freedom and determinism, and the mind-body problem. *Waller, 15.*

Cornman, *Philosophical Problems and Arguments: An Introduction* (1974), $14.50

PHI 205 NCSU

PROBLEMS AND TYPES OF PHILOSOPHY (3 s.h.). An introduction to the basic philosophical issues which arise in the consideration of the nature and validity of knowledge, human nature, freedom and determinism, aesthetics, ethics, religion, and science; and to the major types of philosophical outlooks: naturalism, idealism, pragmatism, existentialism, and analytic philosophy. *Fitzgerald, 15.*

Titus and Smith, *Living Issues in Philosophy,* 6th ed. (1974), $10.95
Titus, Hepp and Smith, *The Range of Philosophy,* 3rd ed. (1975), $6.50

Phil. 21 UNC-CH

INTRODUCTORY SYMBOLIC LOGIC. (3 s.h.). This course treats the standard notations, methods, and principles of symbolic logic as used to determine the validity and invalidity of arguments. Only the simplest formal systems of symbolic logic are covered: truth-function theory and one-variable quantification theory. *Goble, 18.*

Resnik, *Elementary Logic* (1970), $13.95

POLITICAL SCIENCE

Pol. Sci. 41 UNC-CH
PS 100 UNC-A
PS 201 NCSU

INTRODUCTION TO GOVERNMENT IN THE UNITED STATES (3 s.h.). This course is an introduction to American national government.

AMERICAN POLITICS (3 s.h.).

THE AMERICAN GOVERNMENTAL SYSTEM (3 s.h.). Major formal institutions such as Congress, the Presidency, the Judiciary, and the Bureaucracy are examined along with less formal institutions including political parties, pressure groups and mass media. The framework of analysis is that of a political system. The inter-workings and dynamics of that system are explained. *Wilson (UNC-CH), Scism (UNC-A), Holtzman (NCSU), 14.*

Irish, *The Politics of American Democracy,* 6th ed. (1977), $13.95
Redman, *The Dance of Legislation* (1973), $9.95

NOTE: THIS COURSE IS CROSS-LISTED. PLEASE INDICATE THE COURSE NUMBER OF THE CAMPUS FROM WHICH YOU WANT CREDIT ON YOUR APPLICATION. SEE PAGE 26.

Pol. Sci. 51 UNC-CH

STATE GOVERNMENT IN THE UNITED STATES (3 s.h.). This is a study of the organization and operations of state governments and their relationships with their local governments and the U.S. government. *Williams, 15.*

Beyle, *Politics and Policy in North Carolina* (1975), $7.50
Elazar, *American Federalism: A View from the States,* 2nd ed. (1972), $6.00
Palmer, *State Politics in the United States,* 2nd ed. (1977), $4.95
Sanford, *Storm Over the States* (1967), $2.00 (used)

POULTRY SCIENCE

The following course can be taken either as a university credit course or practical course. Should university credit be desired, an examination will be given at the end of the course. As a practical course, no examination will be required, and a certificate will be issued upon completion.

PO 200 NCSU

POULTRY PRODUCTION (3 s.h.). This course is the lecture portion of PO 201 and does not include the laboratory aspects. It covers the fundamental principles of broiler, market egg, hatching egg and turkey production. Identification of chicken and turkey classes, breeds and varieties. Breeding, incubation, raising, housing, feeding, disease and parasite control. Preparation for marketing of chickens, eggs and turkeys. *Parkhurst, 14.*

Card, *Poultry Production,* 11th ed. (1972), $11.00

PSYCHOLOGY

Psych. 10 UNC-CH

GENERAL PSYCHOLOGY (3 s.h.). This survey course gives an up-to-date picture of where psychology stands as a science. Covered in the course are the nature of psychological science, motivation and emotion, developmental psychology, sensation and perception, learning and memory, individual differences, personality psychology, clinical psychology, and social psychology. *Bryant, 19.*

Hilgard and Atkinson, *Introduction to Psychology,* 6th ed. (1975), $14.95
Atkinson & Atkinson, *Study Guide* (1975), $4.95
Scientific American reprints, set $4.80

Psych. 341 UNC-G

ABNORMAL PSYCHOLOGY (3 s.h.). Introduction to behavior pathology. Description, dynamics and modification of abnormal behavior, including neuroses, psychoses, character disorders, and psychosomatic reactions. *Hayes.* **NOTE: THIS COURSE WAS**

IN PREPARATION AT THE TIME THE CATALOG WENT TO PRESS. PLEASE CONTACT INDEPENDENT STUDY FOR MORE SPECIFIC INFORMATION BEFORE ENROLLING.

RECREATION ADMINISTRATION

R.A. 73
UNC-CH

COMMUNITY RECREATION (3 s.h.). This course is a study of the concepts of leisure and recreation, the place of recreation in society, and its contribution to meaningful living. The primary focus is on the development of organized recreation in the United States as a result of the efforts of the Recreation Movement. *Meyer, 15.*

Yukic, *Fundamentals of Recreation* (1970), $6.95
Meyer, *Community Recreation: A Guide to Its Organization* (1969), $8.00 (used)
Madow, ed., *Recreation in America* (1965), $5.25

RELIGION

Rel. 21
UNC-CH

INTRODUCTION TO THE OLD TESTAMENT (3 s.h.). **NOTE: THIS COURSE WAS IN PREPARATION AT THE TIME THE CATALOG WENT TO PRESS. PLEASE CONTACT INDEPENDENT STUDY FOR MORE SPECIFIC INFORMATION BEFORE ENROLLING.**

Rel. 22
UNC-CH

INTRODUCTION TO THE NEW TESTAMENT (3 s.h.). A basic guide to the history and literature of the New Testament and to the central figures and ideas of earliest Christianity. *Schutz, 10.*

Spivey and Smith, *Anatomy of the New Testament,* 2nd ed. (1974), $15.50
Upon request: May and Metzger, *The Oxford Annotated Bible, RSV,* $8.50

REL. 321
NCSU

RELIGION IN AMERICAN LIFE (3 s.h.). This is a study of representative men, movements, and thought in the major religions within the American context. The course traces the historical development of these religious groups and examines the role of religion in the development of American society and culture. *Fitzgerald, 15.*

Hudson, *Religion in America,* 2nd ed. (1973), $6.50
Needleman, *et al.,* eds., *Religion for a New Generation* (1975), $7.50

RUSSIAN

Russ. 1
UNC-CH

ELEMENTARY RUSSIAN (3 s.h.). This is an introductory course designed to lay the foundation of grammar and to convey basic reading and pronunciation skills. Records are required. *Mihailovich, 25.*

Fayer, Pressman and Pressman, *Simplified Russian Grammar,* 3rd ed. (1963), $10.75
Allen III, *Workbook for Simplified Russian Grammar,* 2nd ed. (1965), $3.50
Records: (33 1/3 r.p.m.), $4.50

Russ. 2
UNC-CH

ELEMENTARY RUSSIAN (3 s.h.). The student will build on the foundations laid in Russian 1 in the language, and progress further toward mastery of the fundamentals of Russian phonology and grammar. Records are required. *Mihailovich, 25,* **prerequisite: Russian 1 or equivalent.**

Texts same as for Russian 1
Records: (33 1/3 r.p.m.), $6.00

Russ. 3
UNC-CH

INTERMEDIATE RUSSIAN (3 s.h.). The objective of this course is the completion of the basic Russian grammar. Extensive exercises are designed to consolidate the knowledge acquired in the first two courses, especially of the more difficult grammar. The student must have access to a cassette tape recorder that both plays back and records. *Mihailovich, 25,* **prerequisite: Russian 2 or equivalent.**

Stilman and Harkins, *Introductory Russian Grammar* (1964), $13.95
Cassette tapes, $3.00
Blank cassette tape, $1.00

Russ. 4
UNC-CH

INTERMEDIATE RUSSIAN (3 s.h.). The Russian grammar is thoroughly reviewed. At the same time, the student is exposed to short readings in Russian literature. A separate textbook and a record provide for basic and useful conversations. *Mihailovich, 25,* **prerequisite: Russian 3 or equivalent.**

Zawacki and Folejewski, *Intermediate Russian* (1962), $5.95
Ivanov, *The Saga of the Sergeant* (1966), $1.30
Maltzoff, *Russian Conversations for Beginners* (1959), $1.95
Record, *Russian Conversations* (33 1/3 r.p.m.), $4.98

SOCIOLOGY

Soc. 51
UNC-CH

INTRODUCTION TO SOCIOLOGY (3 s.h.). The structure and function of contemporary societies and social relationships are viewed. A study is made of the way societies are formed, how they achieve their organization and unity, and the way they change. *Ward, 24.*

Chinoy, *Society: An Introduction to Sociology* (1967), $11.95
Selected Articles from the Bobbs-Merrill Reprint Series in the Social Sciences, $7.35

SOC 202
NCSU

PRINCIPLES OF SOCIOLOGY (3 s.h.). Introduction to the scientific study of man's behavior in relation to other men, the general laws affecting the organization of such relationships and the effects of social life on human personality and behavior. *Brisson, 15.*

Rose, *Sociology, The Study of Human Relations,* 3rd ed. (1969), $7.00 (used)
Lasswell, *Life in Society,* rev. (1970), $8.95

Soc. 53
UNC-CH

BLACK-WHITE RELATIONS IN THE UNITED STATES (3 s.h.). Designed (1) to introduce the student to minority relations as a field of study, (2) to assist in providing a perspective in which to view contemporary black-white relations, and (3) to challenge the student to rely upon disciplined and scientific inquiry in this subject, this course places major emphasis upon the power relationships which exist between a large dominant group and a smaller minority group. *West, 25.*

Billingsley, *Black Families in White America* (1968), $2.95
Clark, *Dark Ghetto* (1965), $1.75
Killian, *The Impossible Revolution Phase 2: Black Power and the American Dream,* 2nd ed. (1975), $3.95
Mack, *Race, Class and Power* (1968), $7.95
Meier, *From Plantation to Ghetto* (1970), $2.45
Yinger, *A Minority Group in American Society* (1965), $5.50

Soc. 54
UNC-CH

POPULATION PROBLEMS (3 s.h.). An examination of the major social and economic problems related to population growth and distribution in developed and less developed countries, and the solutions being proposed for these problems. *St. John, 15.*

Breese, *Urbanization in Newly Developing Countries* (1966), $3.95
Callahan, *The American Population Debate* (1971), $1.50
Hartley, *Population: Quantity vs. Quality* (1972), $7.95
Population and the American Future. The Report of the Commission on Population Growth and the American Future (1972), $1.50
Population Reference Bureau. "Man's Population Predicament," *Population Bulletin* 26:2 (April, 1971), $.50

Population Reference Bureau. "The Brain Drain: Fact or Fiction?" *Population Bulletin* 25:3 (June, 1969), $.50
Scientific American. *Cities* (1965), $2.95

Soc. 62 UNC-CH

FAMILY AND SOCIETY (3 s.h.). The family is studied as a social institution which has economic and political ties and overtones. A study is made of the similarities and differences which are founded in various societal contexts. *West, 24.*

Leslie, *The Family in Social Context,* 3rd ed. (1976), $13.00
Norbeck, *Changing Japan* (1965), $1.50 (used)
Liebow, *Tally's Corner* (1967), $2.95
Komarovsky, *Blue Collar Marriage* (1967), $2.95

SOC 204 NCSU

CONTEMPORARY FAMILY LIFE (3 s.h.). The social organization of the family with special attention to socialization, marital choice, kinship relations, and the social changes affecting family structure and functions are considered. *Mercer, 14.*

Bell, *Marriage & Family Interaction,* 3rd ed. (1971), $12.50
Sussman, *Sourcebook in Marriage & the Family,* 3rd ed. (1968), $5.00 (used)

SOC 301 NCSU

HUMAN BEHAVIOR (3 s.h.). Examines effects of social interaction upon individual behavior and personality and collective attitudes and behavior as products of group experience. Analyzes fashions and fads, crowds, mobs, publics, social movements. *Sawhney, 15,* **prerequisite: SOC 202 or PSY 200 or equivalent.**

Vander Zanden, *Social Psychology* (1977), $12.95
Rubin, *Liking and Loving: An Invitation to Social Psychology* (1973), $6.50

SOC 306 NCSU

CRIMINOLOGY (3 s.h.). The study of causation, treatment, prevention and control of criminality and juvenile delinquency. Special emphasis is placed on socio-cultural theories of causation and on the examination of court and correctional systems of adults and juveniles. *Austin, 16.*

Gibbons, *Society, Crime and Criminal Careers,* 2nd ed. (1973), $6.00 (used)
Rushing, *Deviant Behavior & Social Process,* 2nd ed. (1975), $9.45

SOC 413 UNC-G

CORRECTIONS AND PENOLOGY (3 s.h.). Major sociological issues concerning the process of sentencing, incarceration and rehabilitation of juvenile and adult criminal offenders. Current correctional procedures and alternatives. *Humphrey, 13.*

Leinwand, *Prisons* (1972), $.95
Fox, *Introduction to Corrections* (1972), $13.95
Eldefonso, *Issues in Corrections* (1974), $6.95

SOC 402 NCSU

URBAN SOCIOLOGY (3 s.h.). A study of the factors in the growth of cities; the sources and consequences of such growth. A sociological approach to understanding various types of urban configurations both in terms of their present status and the prevalent patterns of change in them. *Davis, 15,* **prerequisite: SOC 202 or permission of instructor.**

Baali, *Urban Sociology—Contemporary Readings* (1970), $6.95
Boskoff, *Sociology of Urban Regions,* 2nd ed. (1970), $8.20 (used) $10.95 (new)

SOC 425 NCSU

JUVENILE DELINQUENCY (3 s.h.). The epidemiology of juvenile delinquency is explored. Descriptive typologies are compared. Theories of causation are developed with emphasis on social institutions, peer groups and socialization processes. Procedures for enforcement, adjudication and correction of young offenders are investigated. Strategies for prevention of delinquency are examined. Opportunities for observation and participation in agency operations are included. *Suval, 16,* **prerequisite: SOC 306 or six hours social science.**

Giallombardo, *Juvenile Delinquency* (1966), $6.20 (used)

Gibbons, *Delinquent Behavior* (1970), $7.50 (used)
Gold, *Delinquent Behavior in an American City* (1970), $3.00 (sed)
Winslow, *Juvenile Delinquency in Free Society* (1968), $4.50 (used)

SPANISH

Span. 3
UNC-CH

INTERMEDIATE SPANISH (3 s.h). Stress is placed on the reading of Spanish of moderate difficulty. The translation of simple sentences into Spanish provides review of grammatical constructions. *Sharpe, 24,* **prerequisite: either two years of high school or one year of college Spanish.**

Gil, *Español contemporaneo* (1972), $3.80
Mihura, *Mi adorado Juan* (1964), $3.95
Iriarte, *Juego de niños* (1965), $4.50

Span. 4
UNC-CH

INTERMEDIATE SPANISH (3 s.h.). The purpose of this course is basically to improve the student's reading knowledge of Spanish. Three plays and three novelettes, all from the 20th century, have been selected to provide intellectual pleasure and stimulation to the reader as well as information about Spanish American life and culture. This is not a grammar course. *Sharpe, 24,* **prerequisite: Spanish 3 or equivalent.**

Castillo and Castillo, *3 novelas cortas—3 piezas teatrales* (1970), $6.50
Castillo and Bond, *University of Chicago Spanish Dictionary,* 2nd ed. (1972), $2.95

Span. 22
UNC-CH

MODERN SPANISH LITERATURE (3 s.h.). This course surveys the history of Spanish literature since the classical period, with special stress on the twentieth century. Extensive readings in Spanish from authors of this century are supplemented by background reading in English. *Sharpe, 24,* **prerequisite: Spanish 3-4 or 14-15, or equivalent.**

Patt and Nozick, *The Generation of 1898 and after* (1973), $7.50
Adams, *The Heritage of Spain* (1959), $7.80
Castillo and Bond, *University of Chicago Spanish Dictionary,* 2nd ed. (1972), $2.95

SPEECH

SP 192
UNC-CH

SOCIAL DIALECTS (3 s.h.). This course in social dialects attempts to demonstrate how language patterns originate in the total lifestyle of a subculture and points out how the clash between dialects can be constructive rather than destructive. American dialects given detailed treatment include Appalachian, Yiddish, Mexican-American, Black, Southern, and Big City. *Kinney, 15.*

Brandes and Brewer, *Dialect Clash in America* (1977), $22.50
Williams, *Language and Poverty* (1970), $12.50 (new), $9.20 (used)

STATISTICS

Stat. 361
NCSU

INTRODUCTION TO STATISTICS FOR ENGINEERS I (3 s.h.). Survey of elementary statistical techniques useful to engineers and physical scientists. Includes introduction to probability, probability distributions, reliability of sample averages, reliability of differences between sample averages, tests of significance, the method of least squares for linear relationships between two variables and quality control. *Grandage, 8,* **prerequisite: college algebra.**

Bryant, *Statistical Analysis,* 2nd ed. (1966), $13.95

SPECIAL INTEREST COURSES (NON-CREDIT)

EIT NCSU ENGINEER-IN-TRAINING EXAM REFRESHER (non-credit). A review of engineering fundamentals consisting of solved sample problems and assignments designed to assist the practicing engineer in preparing for the Engineer-in-Training Exam (Exam 1). Topics covered include mathematics, physics, chemistry, hydraulics, kinetics, kinematics, statics, strength-of-materials, electricity, engineering economy, thermodynamics and others. *Edwards, 11, Fee $30.00*

Faires, *E. I. T. Review* (1961), $14.95

RE NCSU PRINCIPLES AND PRACTICES OF REAL ESTATE (non-credit). The course will cover the fundamentals of real estate. Topics include brokerage, appraising, management, finance, real property law, development, planning, etc. The course was approved in August, 1977, by the North Carolina Real Estate Licensing Board. *Dartt, 15, Fee $80.00*

Ring, *Real Estate, Principles and Practices,* 8th ed. (1977), $15.00
Ring, *Questions and Problems In Real Estate,* 4th ed. (1974), $6.95
Webster, *N.C. Real Estate for Brokers and Salesmen* (1974), $9.95

Citz. UNC-CH CITIZENSHIP (non-credit). Offered in cooperation with the United States Immigration and Naturalization Service to persons in the state who wish to become citizens of the United States, this course is designed especially for those who cannot attend citizenship classes. Several levels of the course are available, the number of assignments for each varying. *Pantelas, Fee $12.00*

DENTAL PROGRAMS

UNC-CH DENTAL ASSISTING (non-credit). This complete seven-course program is equivalent to one academic year of study and includes the knowledges and skills recommended by the Council on Dental Education of the American Dental Association. Completion of all courses in sequence will qualify a person to be a candidate for certification by the American Dental Assistants Association. A brochure giving detailed information on the program may be requested from Independent Study.

UNC-CH DENTAL LABORATORY TECHNOLOGY (non-credit). This series of courses on the theory and skills required of a laboratory technician is designed to teach novice dental laboratory technicians and to teach more experienced technicians who need training in other areas. For complete information on the program, write Independent Study.

UNC-CH DENTAL RADIOLOGY FOR AUXILIARY PERSONNEL (non-credit). Equivalent to a 40-hour residence program, this course is designed to meet the Guidelines developed by the American Academy of Dental Radiology. It prepares persons to perform most dental radiographic procedures. *Access to dental radiographic facilities is required.* A brochure giving more details on the course may be requested from Independent Study.

GUIDED READING PROGRAM (non-credit)

UNC-CH The Guided Reading Program offers direction to adults who want to continue their education through planned reading at home. In a number of selected areas, current reading material has been paired with directions and study questions prepared by university instructors. Participants receive the directions and study questions for their selected category, and submit their responses to the questions to an instructor who returns them with suggestions, comments and guidance. No final exam is given.

Continuing education units (CEU's) will be awarded upon the successful completion of a reading category.

For more information on the Guided Reading Program, contact Independent Study.

GENERAL INFORMATION

TO USERS OF THIS CATALOG

As participants in independent study, you become part of both a rich educational tradition and a bold new direction for learning. Since the late 1800's, when the demand for a winter continuation of the Chautauqua Institution's summer activities inspired the correspondence course, countless students have benefited from programs free from the constraints of classroom instruction.

In recent years, as the written word has been supplemented by such forms as records, cassette tapes, laboratory kits and television, and as programs have been designed with an increasing degree of flexibility, the traditional designation of "correspondence instruction" has come to be replaced by the more encompassing term "independent study." The University of North Carolina system embraces this term as an indication of the broadened scope of our offerings and as a symbol of our plans for the future.

While independent study programs encourage a large measure of individual responsibility by students and allow them to work in essentially whatever manner, time and place they choose, it is not the intention of these programs to leave students entirely on their own. On the contrary, the independent student is supported by the resources of the university to the same extent as the student who works on campus. Independent study is an important means by which the university extends its contribution to the larger community; it is with this role in mind that we have chosen to call ourselves Independent Study by Extension.

The learning resources which we seek to make available to the independent student are not limited to any one campus of the University of North Carolina system. With the reorganization of higher education in North Carolina into a consolidated university of sixteen institutions, new areas of cooperation have emerged. One has been the creation of a statewide program of independent study, envisioned as a means of using our resources in the most effective and appropriate ways. This catalog, and the course offerings it contains, represents the joint efforts of six member institutions of the University of North Carolina system: Appalachian State University, East Carolina University, North Carolina State University, the University of North Carolina at Asheville, the University of North Carolina at Chapel Hill, and the University of North Carolina at Greensboro. The Independent Study program is administered by the University of North Carolina at Chapel Hill.

We hope that the material in this catalog will help you find ways to satisfy your educational needs and interests, and that you will consider Independent Study by Extension a continuing source of assistance in your learning activities.

ELIGIBILITY

Independent Study courses may be taken for credit or non-credit by anyone who is prepared to study them with profit. There are no admissions requirements, and students are enrolled without respect to race, color, sex, national origin, or handicap. Becoming an Independent Study student does not constitute admission to a degree program at any University of North Carolina institution. (Students interested in admission should contact the admissions office of the campus where they wish to earn a degree for information.)

The Independent Study credit courses can be used toward a degree when appropriate to the student's own specific degree requirements. Students are responsible for making sure that courses fit their degree requirements.

Students currently enrolled in a degree program are requested to read the section on taking courses while attending classes on campus before registering for an independent study course.

ENROLLMENT

You may enroll in a course at any time during the year. Application must be made in writing on the forms provided in this catalog and mailed with a check or money order to Independent Study by Extension,

University of North Carolina Extension Division, 121 Abernethy Hall, 002 A, Chapel Hill, N.C. 27514. (Make checks or money orders payable to UNC Independent Study.) You should allow two weeks for delivery of your materials.

If you like, you may come directly to our offices (115 Abernethy Hall, UNC-CH campus) to enroll. No office enrollments will be accepted after 4:30 p.m. to allow our accounting office to close out for the day.

When you enroll you will receive a course study guide. In addition, you will need the textbooks and other materials listed after the course description in this catalog. These may be purchased from our bookroom. Specific instructions concerning your assignments and procedures will be included in the study guide; however, you should feel free to write your instructor or this office if you have questions. Please do not hesitate to call on us. As an independent study student, you are an important individual to us, and our goal is your success and satisfaction in learning.

COURSE LOAD

A student may not be enrolled in more than two courses at any one time. Students should check with their own campus to determine how many courses may be taken toward a degree there.

TIME LIMITS

You may enroll and begin work on a course at any time during the year. Your course will expire *thirteen months* from the date that you enroll. You may submit assignments at your own pace; however, you are encouraged to submit them on a regular basis.

If you are trying to complete your course in a short time, you must submit your assignments regularly. It is the educational responsibility of this institution to provide the teaching component of the independent study learning experience. Thus, we reserve the right to limit the number of assignments a student may submit within a short period of time so that the instructor's regular comments and guidance may be returned for the student's benefit as he or she progresses through the course. Students may not submit so large a number of assignments in so short a time that the teaching component is virtually bypassed. An average minimum completion time for students who are steadily working on a course is two to three months. Creative writing courses usually require a minimum of five months.

If you are meeting a deadline, allow two weeks for your grade to reach the Central Records office of the UNC campus from which your course is offered after you have taken your exam. If you need to have a transcript sent to another institution, allow additional time. *It is the student's responsibility to meet all requirements for completing the course prior to his deadline.* We suggest that you write your instructor and the Independent Study staff at least six weeks in advance of your planned completion date if you are trying to meet a deadline. Briefly explain your need and list the specific deadline and institution at which your course credit is to be reported.

Your instructor may have pressing time commitments, especially near the end of a semester or a summer session, causing delays in the usual return of graded assignments. During holidays and summers, instructors may be out of town. Students trying to complete a course by a specific deadline should allow extra time in case their instructor is unable to grade their work quickly.

Students who are unable to complete their courses in the allotted thirteen months may obtain *one extension* of six months by paying a $5.00 *renewal fee.* In some cases, such as the non-credit Dental Assistant Program, renewal periods will vary according to the course.

CROSS-LISTED COURSES

Where symbols for more than one campus appear, the course is cross-listed. A student wishing to enroll in a cross-listed course should select the course number from the campus from which he/she desires to receive credit. This number should be used on the application. All course work will be graded by an instructor at the selected institution, and the final grade will be kept on file at that institution.

TUITION

Tuition must be paid in full at the time of enrollment. Independent Study accepts Master Charge and Visa. Please complete the appropriate section on the application if you wish to use a charge card. Note that:

1. Tuition is subject to change without notice. It may be necessary to adjust tuition between editions of the Independent Study Catalog.
2. Some courses have special tuition which differs from the schedule below. This tuition will be listed at the end of the course description.
3. Additional charges may be made for special materials and services for a few courses.
4. Partial refunds will be granted if a withdrawal request is received within *two months* of the enrollment. See the withdrawal section of this catalog for more details.

TUITION

2 semester hour course	$62.00
3 semester hour course	$80.00
4 semester hour course	$97.00

POSTAGE

To cover the cost of postage expended in the delivery of course material and graded assignments, please include the appropriate postage from the chart below with your application and tuition. It is suggested that overseas students include postage for Air Mail, since Surface Mail often takes 2 to 3 months. Include either Air Mail or Surface postage for the total of both your graded assignments and course materials.

DOMESTIC

(First class return of assignments, UPS delivery of course materials)	$6.50

FOREIGN

	Surface Mail	Air Mail
Graded assignments	$7.50	$16.00
Course materials	1.50	16.00
Total	$9.00	$32.00

GRADES

The grading system of the campus offering an independent study course will be used. The following grading systems are currently in effect: UNC-Chapel Hill, Appalachian State, UNC-Greensboro and East Carolina — A, B, C, D, F; NCSU — A, B, C, D, NC (No Credit); UNC-Asheville — H (Honors), G (Good), P (Pass), F (Failure).

Students may elect to take NCSU and UNC-Asheville courses for *credit-only*. UNC-Chapel Hill courses may be taken *pass-fail*. **Requests for these alternative grading systems must be made at the time of enrollment and cannot be changed at a later date.** Individuals should be certain that the *credit-only* or *pass-fail* grade will be acceptable in the degree program they are pursuing.

If an instructor finds that the English composition of a student taking a Chapel Hill course is below the campus standard, he may add a composition condition (cc) to the final grade of that student. Credit will not be granted for the course until the cc is removed. A cc may be removed by the completion of English 0 either by correspondence or on the Chapel Hill campus.

Grades for credit courses are recorded at the Central Records office of the campus offering the course. Records for courses taken for non-credit are kept at the Independent Study office.

STANDARDS

Independent Study places upon all enrolling students the responsibility for adhering to a standard of honesty and self-discipline. Students are expected to do their own work in all aspects of their course. Your signature on your application certifies that you agree to maintain this standard.

EXAMINATIONS

A final supervised examination must be passed if credit is to be given. Examinations must be supervised at an accredited college, university, community college, or technical institute which is accessible to the student. Students are asked to sign a pledge when they take examinations certifying that they have neither given nor received aid while taking the exam. All assignments must be submitted for grading prior to taking a course examination.

TEXTBOOKS

A bookstore of over 350 different volumes is maintained for the use of Independent Study students. Books are offered at competitive prices. You may purchase books for your course anywhere you desire, but if you purchase them from us, we will make every effort to mail them promptly. Should you choose to purchase them elsewhere, you should wait until receive your course syllabus to be sure that you buy the correct edition of your texts.

Required texts are listed with each course. PUBLISHER'S PRICES ARE SUBJECT TO CHANGE; thus our prices are subject to change without notice. Used books may be available for some courses. If you wish to purchase used books, indicate this on your application. Send money to cover the price of new books, and if used books are available, we will issue you a refund.

If you wish to secure the required texts from us, please complete the Book Order form which is included on the application for enrollment, or send us a letter. Payment must accompany your order. If supplementary reading materials or books for book reports are not available to you locally, you may contact our office for assistance.

LIBRARY SERVICES

North Carolina residents having trouble locating supplementary textbooks are encouraged to ask their local librarian to request an Inter-Library Loan from the North Carolina State Library. In-state residents receive an identification which can be used to obtain a library card at any one of these university libraries: Appalachian State, East Carolina, UNC-Greensboro, UNC-Charlotte, NC State University, UNC-Chapel Hill, UNC-Asheville, and UNC-Wilmington.

SELLING TEXTS

Our bookroom will repurchase texts if they are in good condition and are still in use with our courses. Students wishing to sell their books should contact our bookroom before mailing the books to us to see if they can be repurchased. When returning books, be sure to include your name and current address.

ADDRESS OR NAME CHANGE

If your address or name changes during the time you are enrolled, please send the name and address under which you enrolled, your new name and address, the date, and the course in which you are enrolled to Independent Study. Please use the name and address change form on page 39.

COUNSELING

A staff member of Independent Study is available to counsel any student who chooses to use this service when a need arises. Students having difficulty in or failing a course may want to write Independent Study for assistance. An office appointment can be arranged if it is desired.

Students who are interested in improving their study habits may want to obtain the following publication from the Independent Study bookroom: *How to Study,* by Thomas F. Staton, $1.00.

REFUNDS

If for any reason you should decide that you must drop your course, complete the form on page 32 of this catalog and mail it to Independent Study. Partial refunds will be granted providing the request is made within *TWO MONTHS* of the enrollment date. No refunds will be made after this period.

TRANSFERS

A student may transfer from one course to another if the request is made within *TWO MONTHS* from the enrollment date. The student must pay a fee of $10.00 plus the actual cost of any graded assignments in the course being dropped. New textbooks may be purchased from the Independent Study bookroom. The bookroom will consider repurchase of the texts from the original course at a percentage of their original cost, depending on their condition. Enrollments may not be transferred from one student to another.

COMBINING CAMPUS AND INDEPENDENT STUDY

If you are attending a campus session at any institution, you must have the written approval of your Academic Dean sent to the Independent Study offices for each semester or summer session you are enrolled in order to continue working on your course.

If you do not want to continue with your independent study course while enrolled for residence work, or if you are unable to secure permission, you may let us know each semester or summer session you are in residence, and request that additional time be allowed to complete the course later. If you fail to let us know you are in residence without permission, your course will expire thirteen months from the day you enroll.

You may submit assignments during official school holidays and semester breaks without permission.

CREDIT

Degree Credit — Credits earned through Independent Study may be used toward a degree, providing the course is applicable to the individual student's requirements. **Students who are completing a degree program at any institution should check with their academic advisor or dean prior to enrolling in a course to make sure the credits and grades received will be acceptable. Graduate credit may not be earned by Independent Study.**

Non-Credit — Those who do not desire or expect credit are permitted to register for any course for which they are qualified. Non-credit students are given the same careful instruction as those who study for credit. No permanent record of the grade will be made.

FINANCIAL AID

1. Student Aid

Loans and a few scholarships (for students with exceptional academic records) may be available to students who have financial need. For information and application blanks, write to the Director of Student Aid at the campus from which you are earning your degree.

2. Vocational Rehabilitation

Under certain circumstances, the Vocational Rehabilitation Division of the State Department of Public Instruction will pay the fees for those who have a physical disability. For full information, contact the Director in Raleigh, N.C.

3. Veterans

All eligible veterans who have completed 181 days or more of active service and who intend to pursue a course by independent study as part of their degree requirements should complete the application in the center of the catalog and THE VETERAN'S STATEMENT on page 38 of the catalog. These forms, accompanied by *full* payment, should be submitted to Independent Study by Extension, 121 Abernethy Hall 002A, University of North Carolina, Chapel Hill, N.C. 27514.

Veterans enrolled in a degree program at an institution of higher education may take indepedent study courses concurrently with their residence programs as long as a comparable ratio of completed independent study assignments is maintained. The institution doing the certifying is responsible for maintaining proper records and reporting the veteran's progress in all phases of his course load.

Veterans and active duty service personnel enrolled in one or two courses by independent study only will be reimbursed by the V.A. the cost of tuition and fees in accordance with V.A. Regulation 14136 (B) and (C). A certificate of enrollment will be filed by Independent Study by Extension to the Veterans Administration Regional Office of your state of residence. Reimbursement will be made directly to the veteran by the Veterans Administration. (In those cases where the veteran is taking independent study courses concurrently with a program in residence at an institution of higher education, a copy of the certificate of enrollment will be forwarded to the V.A. advisor of that institution.)

NOTE: If you have any questions relative to your eligibility or the acceptability of the selected course in your overall educational program, please contact the VA Regional Office in your state of residence. (The Dental Assisting Program, Dental Laboratory Technology Program, Dental Radiology Program, Engineer-in-Training course, and the non-credit Real Estate course are not VA approved courses and are not eligible for reimbursement under the VA program.)

4. In-Service Teacher Education Program

North Carolina teachers may earn certificate renewal credits by independent study. For information on tuition assistance under the In-Service Teacher Education Program, interested teachers should contact their employing Superintendent's office for consultation and clarification of existing policies before they enroll in a course.

The State Department of Public Instruction in North Carolina accepts credit earned before September 1 for that teaching year. Teachers needing credit for North Carolina certification should arrange to complete courses and examinations by August 15 in order to have credit reported by September 1. For full information about certification requirements, write the State Department of Public Instruction.

5. Inmates

Inmates in the North Carolina Correction System who are unable to pay course fees may be eligible for enrollment under the OUTREACH TO INMATES program. Information on eligibility and enrollment procedures can be secured by contacting:

Educational Services Section
Department of Correction
831 West Morgan St.
Raleigh, NC 27603

6. DANTES

DANTES (Defense Activity for Non-Traditional Education Support) provides educational support for eligible active military personnel seeking to continue their education. Interested individuals should contact their Education Officer for additional information.

TRANSCRIPTS

If you need a transcript by a particular date, you must arrange your work so that you can take the examination at least *two weeks* in advance of your deadline. *Independent Study cannot guarantee that a grade will be received by a particular date unless the student completes his assigned work and examination well in advance of that date.*

Request for transcript forms are included with examinations. Transcripts should be requested from the Records Office of the campus from which credit is earned. There may be a small fee for transcripts.

REQUEST FOR NEW COURSES

Your suggestions for new courses and new kinds of programs will be used when we plan additions to our offerings. Please feel free to offer suggestions using the form below.

I would like to suggest that you offer the following courses or programs:

Name _____

Address _____

_____

WITHDRAWAL

You may withdraw from a course at any time; however, you will receive a refund only if you officially withdraw within **two months** of your enrollment date. Please consider carefully before dropping your course. If you decide to complete it later, you will be charged full tuition. If our staff can be of assistance, please let us know.

Partial refunds will be granted providing the request is made within **TWO MONTHS** of the enrollment date, which is the date your invoice was typed. $30.00 will be deducted for the expense in processing each enrollment, plus the actual cost of graded assignments. If the study guide is returned in its original condition, $5.00 will be added to your refund. If a personal check was used for payment, allow six weeks before a refund is processed. This office can not guarantee repurchase of textbooks. Please indicate your desire to return books for credit on the withdrawal form. We will let you know if we are able to repurchase your texts. You may keep all materials, except those rented from this office. Please return all rental materials immediately, and clear your account.

WITHDRAWAL FORM

Date of Enrollment _____

Name _____

Address _____

_____

Date _____

I would like to request that my course, _____, be discontinued as of this date. I am _____ am not _____ eligible for a partial refund of tuition. I would like to return my textbooks for credit. _____ I understand that I must pay complete fees again if I decide to re-enroll.

OFFICE USE ONLY

Account _____ Enrolled _____

Graded Assignments _____ Total Credit Memo _____

Course fees _____ _____

Postage _____ Total Refund Check _____

_____ Credit memo number _____

_____ Refund check number _____

Books _____ Date _____

Total _____

INDEPENDENT STUDY WITHDRAWAL NOTICE

Student _____

Course _____

Date _____

ADDITIONAL INDEPENDENT STUDY OPPORTUNITIES

CREDIT BY EXAMINATION

Persons who through prior study or experience have gained knowledge of the content of courses offered in the Independent Study Catalog may be able to earn credit for these courses by passing an examination. Approval of Independent Study and the department involved is necessary for a student to qualify for credit by examination. Interested students should request additional information and application forms from Independent Study. The fee for credit by exam is $25.00.

TUTORIAL INDEPENDENT STUDY

Tutorial Independent Study is a procedure under which students in certain situations may enroll through Independent Study in courses not listed in this catalog. The following statements indicate policies for Tutorial Independent Study at UNC-Chapel Hill and North Carolina State University. For further information on the program at either institution, contact Independent Study by Extension.

UNC-Chapel Hill

For UNC-Chapel Hill undergraduate courses not listed in the Independent Study catalog, it may be possible for interested students to enroll in a tutorial arrangement through Independent Study. If special circumstances warrant, a student and an instructor of a regular University course not available through Independent Study may adapt the course to an Independent Study format. This arrangement is subject to the approval of the department chairman, the Assistant Director of Extension for Independent Study, and the appropriate dean.

North Carolina State University

For students in special circumstances who require a particular undergraduate course which is offered by North Carolina State University and is not available through Independent Study and who cannot make reasonable arrangments to take this course through other means, it may be possible to enroll in the course through Tutorial Independent Study. An instructor of a regular University course may adapt that course to a Tutorial Independent Study format for a particular student provided this arrangement has been approved by the Department Head of the department offering the course and, if the student is working toward graduation, the student's Department Head and School Dean. The arrangement also must be approved by the Assistant Director of Extension for Independent Study. Approval normally will not be given for a student to retake, through Tutorial Independent Study, a course for which that student has received a No Credit grade or a course in which that student has been enrolled for more than fifty percent of the semester.

PASS-FAIL and CREDIT-ONLY

Students may elect to take NCSU and UNC-Asheville courses for credit only. UNC-Chapel Hill courses may be taken pass-fail. Requests for these alternative grading systems must be made at the time of enrollment and cannot be changed at a later date. Individuals should be certain that the credit-only or pass-fail grade will be acceptable in the degree program they are pursuing.

COURSES BY NEWSPAPER

A number of newspaper courses are offered for credit by various campuses of the University of North Carolina system. For information regarding courses currently available, please contact the office of continuing education or extension at the campus of your choice.

TELEVISION COURSES

Independent study courses utilizing educational television programs are occasionally offered throughout the year. Contact Independent Study for further information.

OTHER UNIVERSITIES

The University of North Carolina is a member of the National University Extension Association, the professional organization designed to guide in the development, maintenance and advancement of university extension services. UNC Independent Study belongs to the Independent Study Division of the Association. Each institution affiliated with the NUEA is accredited by the region in which it is located, and bases all educational programs upon standards for higher education in that state and region.

Two booklets published by NUEA may be helpful to you in locating courses and programs not available through UNC Independent Study. *A Guide to Independent Study Through Correspondence Instruction* lists correspondence and independent study courses offered by 73 institutions of higher education for college credit, certificates of achievement or personal enrichment. *On-Campus/Off-Campus Degree Programs for Part-Time Students* lists 2,848 degrees at 1,277 institutions in which the degree can be completed through part-time study. The booklets may be obtained by sending $2.00 for the *Guide* and $4.00 for the *Directory to* National University Extension Association, Book Order Department, P.O. Box 2123, Princeton, N.J. 08540. All orders must be prepaid.

COLLEGE LEVEL EXAMINATION PROGRAM (CLEP)

The following chart gives information about the acceptance of CLEP on each of the five Independent Study campuses:

ASU	Limited acceptance. For further information write: Susie Greene Testing Center Appalachian State University Boone, NC 28607
ECU	Limited acceptance. For further information write: Dr. John Horne Dean of Admissions East Carolina University Greenville, NC 27834
NCSU	Limited acceptance. For further information write: James E. Bengel 200 Harris NC State University Raleigh, NC 27607
UNC-A	Limited acceptance. For further information write: Mr. Karl B. Wilson Assistant Director Department of Testing, Counseling and Advising UNC-Asheville Asheville, NC 28804
UNC-CH	Not accepted.
UNC-G	General examination not accepted. Some subject examinations are approved for degree credit. For further information contact the Admissions Office, UNC-Greensboro, Greensboro, NC 27412

INDEPENDENT STUDY ADMINISTRATIVE STAFF

INDEPENDENT STUDY STAFF

NORMAN LOEWENTHAL, *Assistant Director of Extension for Independent Study*
JAMES BROOMALL, *Program Coordinator, Multi-Campus Program*
ELIZABETH BLAKE, *Student Services & Course Production*
SUE BOWDEN, *Departmental Secretary*
JACK BOWEN, *Bookstore Manager*
EMILY BROWN, *Cashier*
ANNE CRAFT, *Supervisor, Student Services*
CONNIE DEAN, *Registrar*
NORMA DIGGS, *Supervisor, Financial Services*
CATHERINE FARRAR, *Secretary, Enrollments*
PATTI GREESON, *Student Services Assistant*
DONNA MARLETTE, *Course Production Assistant*
BRICK OETTINGER, *Correctional Education Administrative Educator*
JUNE WALKER, *Course Production Coordinator*

INDEPENDENT STUDY ADVISORY COMMITTEE

Voting Representatives

WILLIAM BROWDER, *University of North Carolina at Greensboro*
CHARLES KOLB, *North Carolina State University*
RICHARD PARROTT, *Appalachian State University*
HERMAN PHELPS, *East Carolina University*
ROBERT TRULLINGER, *University of North Carolina at Asheville*
JUNE WALKER, *University of North Carolina at Chapel Hill*

Independent Study Administrative Staff

NORMAN LOEWENTHAL, *Committee Chairman*
JAMES BROOMALL, *Program Coordinator*

INDEPENDENT STUDY FACULTY

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East Carolina University

BERNARD KANE, Ph.D., *Environmental Health*

North Carolina State University

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CHARLES WILLIAM WELBY, Ph.D., *Geosciences*

University of North Carolina at Asheville

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THOMAS SCISM, Ph.D., *Political Science*

University of North Carolina at Chapel Hill

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MATTHEW THOMAS WOOD, D.D.S., M.S., *Dental Assisting Program*

University of North Carolina at Greensboro

STEVEN C. HAYES, Ph.D., *Psychology*
JOHN A. HUMPHREY, Ph.D., *Sociology*

1978 VETERAN'S STATEMENT TO ACCOMPANY COURSE APPLICATION

If you are eligible for and wish reimbursement for your independent study course enrollment, please complete the form below:

☐ The course/courses for which I have made application are part of my degree requirements.

☐ The course/courses for which I have made application are being taken as part of my degree requirements while I am a student in residence at

_____

Name of institution

_____

Address of institution

_____

V.A. Advisor at above institution

_____

Address of V.A. Advisor

MT V.A. FILE NUMBER IS _____

_____

Signature

THIS FORM SHOULD ACCOMPANY YOUR APPLICATION AND PAYMENT FOR THE COURSE OR COURSES IN WHICH YOU WISH TO BE ENROLLED.

ADDRESS OR NAME CHANGE FORM

Former Name: _____

Present Name: _____

Former Address: _____

_____

New Address: _____

_____

Course: _____

Date: _____

FOR OFFICE USE ONLY

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Secretary _____ Central Records _____

Independent Study by Extension
University of North Carolina
121 Abernethy Hall 002A
Chapel Hill, North Carolina 27514

Phone: 919-933-1104

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